PM SHRI KENDRIYA VIDYALAYA BERHAMPUR(ODISHA)

PROJECT WORK
COMPUTER SCIENCE
CLASS XII (2023-24)

Name: Omm Swarup
Roll no: 26
Topic: JEE Questions Management System

INDEX

<u>Acknowledgement</u>

I would like to extend my sincere and heartfelt obligation towards all those who have helped me in making this project. Without their active guidance, help, cooperation and encouragement, I would not have been able to present the project on time.

I am extremely thankful and pay my sincere gratitude to my teacher **Mr. S.K Mishra** for her valuable guidance and support for completion this project.

I extend my sincere gratitude to my Principal Mr. **Shivapriya Dash** for the moral support extended during tenure of this project.

I also acknowledge with a deep sense of reverence, my gratitude towards my parents, other faculty members of the school and friends for their valuable suggestions given to me in completing the project.

Name   **Signature**

<u>Certificate</u>

This is to certify that the project work titled **JEE Questions Management System** is the bonafide work of Omm Swarup of Class XII A of PM SHRI Kendriya Vidyalaya Berhampur as a part of Computer Science Project work for class XII AISSCE,2023-24.

The above mentioned project work has been completed under my guidance during the academic year 2023-2024.

Signature of Internal   **Signature of External**

Signature of Principal
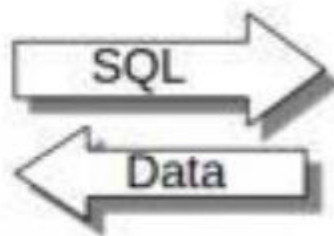
HARDWARES AND SOFTWARES REQUIRED

HARDWARES

1. Desktop Computer / Laptop
2. Mobile Phone

SOFTWARES

1. Python (Latest Version)
2. MySQL
3. Python Connector Module

Python   SQL →
              ← Data   Database System

INTRODUCTION

Welcome to the innovative world of the JEE (Joint Entrance Examination) Question Management System, a cutting-edge project designed to revolutionize the way we handle and organize questions for one of the most crucial examinations in the academic landscape. The JEE Question Management System is an advanced platform meticulously crafted to streamline the creation, storage, retrieval, and analysis of JEE-related questions.

In the realm of competitive exams, the significance of a well-organized and efficient question management system cannot be overstated. This project aims to address the complexities associated with handling vast question databases, ensuring seamless access for educators, administrators, and students alike. By leveraging modern technologies and user-friendly interfaces, our system endeavors to enhance the overall JEE examination experience, providing a robust framework that fosters precision, accessibility, and data-driven insights.

Join us on this journey as we embark on a mission to transform the landscape of JEE question management, facilitating a smoother and more effective preparation process for aspiring students and educators.

PYTHON

SOURCE

CODE

```python
import mysql.connector as conn
```

#FOR VIEWING NUMBER OF QUESTION DATA OF JEE MAIN IN THE SUBJECT: CHEMISTRY

```python
def JEE_Mains_Chemistry():


db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    y=input("enter the year of which data is to be searched ")
    if int(y)>=2013 and int(y)<=2023:

        cobj.execute("select * from JEE_Mains_Chemistry where year = {}".format(y))
        for data in cobj:

            print("-----------------------------------------------------------------")
            print(" YEAR " , int(data[0]))
            print(" NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS
FOLLOWS:")
            print(" Physical_Chemistry " , data[1])
            print(" Organic_Chemistry " , data[2])
            print(" Inorganic_Chemistry " , data[3])

    else:
        print("///////////////////////////////////////////////////////////////")
        print("Entered Year not in range of 2013 to 2023")
        print("///////////////////////////////////////////////////////////////")
    cobj.close()
    db.close()
```

#FOR VIEWING NUMBER OF QUESTION DATA OF JEE MAIN IN THE SUBJECT: PHYSICS

```python
def JEE_Mains_Physics():


db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    y=input("enter the year of which data is to be searched ")
    if int(y)>=2013 and int(y)<=2023:

        cobj.execute("select * from JEE_Mains_Physics where year = {}".format(y))
        for data in cobj:
```

```python
        print("-----------------------------------------------------------------")
        print(" YEAR " , int(data[0]))
        print(" NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS
FOLLOWS:")
        print(" Mechanics " , data[1])
        print(" SHM_and_Waves " , data[2])
        print(" Thermodynamics " , data[3])
        print(" Gravitation " , data[4])
        print(" Electrodynamics " , data[5])
        print(" Currrent_and_Magnetism " , data[6])
        print(" Optics " , data[7])
        print(" Modern_Physics " , data[8])
        print(" Semi_conductors_and_logic_Gates " , data[9])
    else:
      print("///////////////////////////////////////////////////////////////")
      print("Entered Year not in range of 2013 to 2023")
      print("///////////////////////////////////////////////////////////////")
    cobj.close()
    db.close()
```

#FOR VIEWING NUMBER OF QUESTION DATA OF JEE MAIN IN THE SUBJECT: MATHEMATICS

```python
def JEE_Mains_Maths():


db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    y=input("enter the year of which data is to be searched ")
    if int(y)>=2013 and int(y)<=2023:
      cobj.execute("select * from JEE_Mains_Maths where year = {}".format(y))
      for data in cobj:
        print("-----------------------------------------------------------------")
        print(" YEAR " , int(data[0]))
        print(" NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS
FOLLOWS:")
        print(" Basic_Mathematics " , data[1])
        print(" Trignometry_and_Inverse_trignometry " , data[2])
        print(" Sequence_and_series " , data[3])
        print(" quadratic_Equations " , data[4])
        print(" Complex_numbers " , data[5])
        print(" Binomial_and_Permutations_and_Combinations " , data[6])
        print(" Coordinate_Geometry " , data[7])
        print(" Determinant_Matrices " , data[8])
        print(" Relations_Functions " , data[9])
```

```python
            print(" Limits_Continuity_Differentiability " , data[10])
            print(" AOD " , data[11])
            print(" Integration " , data[12])
            print(" Differential_Equations " , data[13])
            print(" 3D_Geometry " , data[14])
            print(" Probability " , data[15])
    else:
        print("//////////////////////////////////////////////////////////////")
        print("Entered Year not in range of 2013 to 2023")
        print("//////////////////////////////////////////////////////////////")
    cobj.close()
    db.close()
```

#FOR VIEWING NUMBER OF QUESTION DATA OF JEE ADVANCED IN THE SUBJECT: CHEMISTRY

```python
def JEE_Advanced_Chemistry():


db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605")
    cobj=db.cursor()
    y=input("enter the year of which data is to be searched ")
    if int(y)>=2013 and int(y)<=2023:
        cobj.execute("select * from JEE_Advanced_Chemistry where year = {}".format(y))
        for data in cobj:

            print("-----------------------------------------------------------------")
            print(" YEAR " , int(data[0]))
            print(" NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS
FOLLOWS:")
            print(" Physical_Chemistry " , data[1])
            print(" Organic_Chemistry " , data[2])
            print(" Inorganic_Chemistry " , data[3])

    else:
        print("//////////////////////////////////////////////////////////////")
        print("Entered Year not in range of 2013 to 2023")
        print("//////////////////////////////////////////////////////////////")
    cobj.close()
    db.close()
```

#FOR VIEWING NUMBER OF QUESTION DATA OF JEE ADVANCED IN THE SUBJECT: PHYSICS

```python
def JEE_Advanced_Physics():
```

```python
db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    y=input("enter the year of which data is to be searched ")
    if int(y)>=2013 and int(y)<=2023:

        cobj.execute("select * from JEE_Advanced_Physics where year = {}".format(y))
        for data in cobj:
            print("------------------------------------------------------------------")
            print(" YEAR " , int(data[0]))
            print(" NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS
FOLLOWS:")
            print(" Mechanics " , data[1])
            print(" SHM_and_Waves " , data[2])
            print(" Thermodynamics " , data[3])
            print(" Gravitation " , data[4])
            print(" Electrodynamics " , data[5])
            print(" Currrent_and_Magnetism " , data[6])
            print(" Optics " , data[7])
            print(" Modern_Physics " , data[8])
    else:
        print("//////////////////////////////////////////////////////////////////////")
        print("Entered Year not in range of 2013 to 2023")
        print("//////////////////////////////////////////////////////////////////////")
    cobj.close()
    db.close()
```

#FOR VIEWING NUMBER OF QUESTION DATA OF JEE ADVANCED IN THE SUBJECT: MATHEMATICS

```python
def JEE_Advanced_Maths():


db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    y=input("enter the year of which data is to be searched ")
    if int(y)>=2013 and int(y)<=2023:

        cobj.execute("select * from JEE_Advanced_Maths where year = {}".format(y))
        for data in cobj:
            print("------------------------------------------------------------------")
            print(" YEAR " , int(data[0]))
```

```python
        print(" NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS
FOLLOWS:")
        print(" Basic_Mathematics " , data[1])
        print(" Trignometry_and_Inverse_trignometry " , data[2])
        print(" Sequence_and_series " , data[3])
        print(" quadratic_Equations " , data[4])
        print(" Complex_numbers " , data[5])
        print(" Binomial_and_Permutations_and_Combinations " , data[6])
        print(" Coordinate_Geometry " , data[7])
        print(" Determinant_Matrices " , data[8])
        print(" Relations_Functions " , data[9])
        print(" Limits_Continuity_Differentiability " , data[10])
        print(" AOD " , data[11])
        print(" Integration " , data[12])
        print(" Differential_Equations " , data[13])
        print(" 3D_Geometry " , data[14])
        print(" Probability " , data[15])
    else:
      print("/////////////////////////////////////////////////////////////////")
      print("Entered Year not in range of 2013 to 2023")
      print("/////////////////////////////////////////////////////////////////")
    cobj.close()
    db.close()
```

#TO UPDATE THE NUMBER OF QUESTIONS IN JEE ADVANCED DATA OF THE SUCJECT: CHEMISTRY

```python
def update_JEE_Advanced_Chem():
    print("--------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Physical_Chemistry ")
    print(" Organic_Chemistry ")
    print(" Inorganic_Chemistry ")
    topic=input("enter the topic in which question number is to be updated")
    new_number=int(input("enter the updated number of questions"))
    year=int(input("enter year of the which questions number is to be updated"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="update JEE_Advanced_Chemistry set {}={} where
year={}".format(topic,new_number,year)
    cobj.execute(qr)
    db.commit()
```

#TO UPDATE THE NUMBER OF QUESTIONS IN JEE MAINS DATA OF THE SUCJECT: CHEMISTRY

```python
def update_JEE_Mains_Chem():
    print("-------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Physical_Chemistry ")
    print(" Organic_Chemistry ")
    print(" Inorganic_Chemistry ")
    topic=input("enter the topic in which question number is to be updated")
    new_number=int(input("enter the updated number of questions"))
    year=int(input("enter year of the which questions number is to be updated"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605")
    cobj=db.cursor()
    qr="update JEE_Mains_Chemistry set {}={} where year={}".format(topic,new_number,year)
    cobj.execute(qr)
    db.commit()
```

#TO UPDATE THE NUMBER OF QUESTIONS IN JEE ADVANCED DATA OF THE SUCJECT: PHYSICS

```python
def update_JEE_Advanced_Physics():
    print("----------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Mechanics ")
    print(" SHM_and_Waves ")
    print(" Thermodynamics ")
    print(" Gravitation ")
    print(" Electrodynamics ")
    print(" Currrent_and_Magnetism ")
    print(" Optics ")
    print(" Modern_Physics ")
    print(" Semi_conductors_and_logic_Gates ")
    topic=input("enter the topic in which question number is to be updated")
    new_number=int(input("enter the updated number of questions"))
    year=int(input("enter year of the which questions number is to be updated"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605")
    cobj=db.cursor()
    qr="update JEE_Advanced_Physics set {}={} where
year={}".format(topic,new_number,year)
    cobj.execute(qr)
    db.commit()
```

#TO UPDATE THE NUMBER OF QUESTIONS IN JEE MAINS DATA OF THE SUCJECT: PHYSICS

```python
def update_JEE_Mains_Physics():
    print("----------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Mechanics ")
    print(" SHM_and_Waves ")
    print(" Thermodynamics ")
    print(" Gravitation ")
    print(" Electrodynamics ")
    print(" Currrent_and_Magnetism ")
    print(" Optics ")
    print(" Modern_Physics ")
    topic=input("enter the topic in which question number is to be updated")
    new_number=int(input("enter the updated number of questions"))
    year=int(input("enter year of the which questions number is to be updated"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605")
    cobj=db.cursor()
    qr="update JEE_Mains_Physics set {}={} where year={}".format(topic,new_number,year)
    cobj.execute(qr)
    db.commit()
```

#TO UPDATE THE NUMBER OF QUESTIONS IN JEE ADVANCED DATA OF THE SUCJECT: MATHEMATICS

```python
def update_JEE_Advanced_Maths():
    print("----------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Basic_Mathematics ")
    print(" Trignometry_and_Inverse_trignometry ")
    print(" Sequence_and_series ")
    print(" quadratic_Equations ")
    print(" Complex_numbers ")
    print(" Binomial_and_Permutations_and_Combinations ")
    print(" Coordinate_Geometry ")
    print(" Determinant_Matrices ")
    print(" Relations_Functions ")
    print(" Limits_Continuity_Differentiability ")
    print(" AOD ")
    print(" Integration ")
    print(" Differential_Equations ")
    print(" 3D_Geometry ")
    print(" Probability ")
    topic=input("enter the topic in which question number is to be updated")
```

```python
    new_number=int(input("enter the updated number of questions"))
    year=int(input("enter year of the which questions number is to be updated"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="update JEE_Advanced_Maths set {}={} where year={}".format(topic,new_number,year)
    cobj.execute(qr)
    db.commit()
```

#TO UPDATE THE NUMBER OF QUESTIONS IN JEE MAINS DATA OF THE SUCJECT: MATHEMATICS

```python
def update_JEE_Mains_Maths():
    print("-------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Basic_Mathematics ")
    print(" Trignometry_and_Inverse_trignometry ")
    print(" Sequence_and_series ")
    print(" quadratic_Equations ")
    print(" Complex_numbers ")
    print(" Binomial_and_Permutations_and_Combinations ")
    print(" Coordinate_Geometry ")
    print(" Determinant_Matrices ")
    print(" Relations_Functions ")
    print(" Limits_Continuity_Differentiability ")
    print(" AOD ")
    print(" Integration ")
    print(" Differential_Equations ")
    print(" 3D_Geometry ")
    print(" Probability ")
    topic=input("enter the topic in which question number is to be updated")
    new_number=int(input("enter the updated number of questions"))
    year=int(input("enter year of the which questions number is to be updated"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="update JEE_Mains_Maths set {}={} where year={}".format(topic,new_number,year)
    cobj.execute(qr)
    db.commit()
```

#TO UPDATE THE NUMBER OF QUESTIONS IN JEE MAINS DATA OF THE SUCJECT: MATHEMATICS

```python
def add_JEE_Advanced_Chem():
```

```python
    print("----------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Physical_Chemistry ")
    print(" Organic_Chemistry ")
    print(" Inorganic_Chemistry ")
    new_number1=int(input("enter the number of questions in Physical Chemistry"))
    new_number2=int(input("enter the number of questions in Organic Chemistry"))
    new_number3=int(input("enter the number of Inorganic Chemistry"))
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into JEE_Advanced_Chemistry
values({},{},{},{})".format(year,new_number1,new_number2,new_number3)
    cobj.execute(qr)
    db.commit()
```

#TO ADD THE NUMBER OF QUESTIONS IN JEE MAINS DATA OF THE SUCJECT: CHEMISTRY

```python
def add_JEE_Mains_Chem():
    print("----------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Physical_Chemistry ")
    print(" Organic_Chemistry ")
    print(" Inorganic_Chemistry ")
    new_number1=int(input("enter the number of questions in Physical Chemistry"))
    new_number2=int(input("enter the number of questions in Organic Chemistry"))
    new_number3=int(input("enter the number of Inorganic Chemistry"))
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into JEE_Mains_Chemistry
values({},{},{},{})".format(year,new_number1,new_number2,new_number3)
    cobj.execute(qr)
    db.commit()
```

#TO ADD THE NUMBER OF QUESTIONS IN JEE ADVANCED DATA OF THE SUCJECT: PHYSICS

```python
def add_JEE_Advanced_Physics():
    print("----------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
```

```python
    print(" Mechanics ")
    print(" SHM_and_Waves ")
    print(" Thermodynamics ")
    print(" Gravitation ")
    print(" Electrodynamics ")
    print(" Currrent_and_Magnetism ")
    print(" Optics ")
    print(" Modern_Physics ")
    new_number1=int(input("enter the number of questions in Mechanics"))
    new_number2=int(input("enter the number of questions in SHM_and_Waves"))
    new_number3=int(input("enter the number of questions in Thermodynamics"))
    new_number4=int(input("enter the number of questions in Gravitation"))
    new_number5=int(input("enter the number of questions in Electrodynamics"))
    new_number6=int(input("enter the number of questions in Currrent_and_Magnetism"))
    new_number7=int(input("enter the number of questions in Optics"))
    new_number8=int(input("enter the number of questions in Modern_Physics"))
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into JEE_Advanced_Physics
values({},{},{},{},{},{},{},{},{})".format(year,new_number1,new_number2,new_number3,ne
w_number4,new_number5,new_number6,new_number7,new_number8)
    cobj.execute(qr)
    db.commit()
```

#TO ADD THE NUMBER OF QUESTIONS IN JEE MAINS DATA OF THE SUCJECT: PHYSICS

```python
def add_JEE_Mains_Physics():
    print("---------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Mechanics ")
    print(" SHM_and_Waves ")
    print(" Thermodynamics ")
    print(" Gravitation ")
    print(" Electrodynamics ")
    print(" Currrent_and_Magnetism ")
    print(" Optics ")
    print(" Modern_Physics ")
    print(" Semi_conductors_and_logic_Gates ")
    new_number1=int(input("enter the number of questions in Mechanics"))
    new_number2=int(input("enter the number of questions in SHM_and_Waves"))
    new_number3=int(input("enter the number of questions in Thermodynamics"))
    new_number4=int(input("enter the number of questions in Gravitation"))
```

```python
    new_number5=int(input("enter the number of questions in Electrodynamics"))
    new_number6=int(input("enter the number of questions in Currrent_and_Magnetism"))
    new_number7=int(input("enter the number of questions in Optics"))
    new_number8=int(input("enter the number of questions in Modern_Physics"))
    new_number9=int(input("enter the number of questions in
Semi_Conductors_and_Logic_gates"))
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into JEE_Mains_Physics
values({},{},{},{},{},{},{},{},{},{})".format(year,new_number1,new_number2,new_number3,
new_number4,new_number5,new_number6,new_number7,new_number8,new_number9)
    cobj.execute(qr)
    db.commit()
```

#TO ADD THE NUMBER OF QUESTIONS IN JEE ADVANCED DATA OF THE SUCJECT: MATHEMATICS

```python
def add_JEE_Advanced_Maths():
    print("---------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Basic_Mathematics ")
    print(" Trignometry_and_Inverse_trignometry ")
    print(" Sequence_and_series ")
    print(" quadratic_Equations ")
    print(" Complex_numbers ")
    print(" Binomial_and_Permutations_and_Combinations ")
    print(" Coordinate_Geometry ")
    print(" Determinant_Matrices ")
    print(" Relations_Functions ")
    print(" Limits_Continuity_Differentiability ")
    print(" AOD ")
    print(" Integration ")
    print(" Differential_Equations ")
    print(" 3D_Geometry ")
    print(" Probability ")
    new_number1=int(input("enter the number of questions in Basic_Mathematics"))
    new_number2=int(input("enter the number of questions in
Trignometry_and_Inverse_trignometry"))
    new_number3=int(input("enter the number of questions in Sequence_and_series"))
    new_number4=int(input("enter the number of questions in quadratic_Equations"))
    new_number5=int(input("enter the number of questions in Complex_numbers"))
    new_number6=int(input("enter the number of questions in
Binomial_and_Permutations_and_Combinations"))
```

```python
    new_number7=int(input("enter the number of questions in Coordinate_Geometry"))
    new_number8=int(input("enter the number of questions in Determinant_Matrices"))
    new_number9=int(input("enter the number of questions in
Limits_Continuity_Differentiability"))
    new_number10=int(input("enter the number of questions in AOD"))
    new_number11=int(input("enter the number of questions in Integration"))
    new_number12=int(input("enter the number of questions in Differential_Equations"))
    new_number13=int(input("enter the number of questions in 3D_Geometry"))
    new_number14=int(input("enter the number of questions in Probability"))
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into JEE_Advanced_Maths
values({},{},{},{},{},{},{},{},{},{},{},{},{},{},{})".format(year,new_number1,new_number2,
new_number3,new_number4,new_number5,new_number6,new_number7,new_number8,new_nu
mber9,new_number10,new_number11,new_number12,new_number13,new_number14)
    cobj.execute(qr)
    db.commit()
```

#TO ADD THE NUMBER OF QUESTIONS IN JEE MAINS DATA OF THE SUCJECT: MATHEMATICS

```python
def add_JEE_Mains_Maths():
    print("-------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Basic_Mathematics ")
    print(" Trignometry_and_Inverse_trignometry ")
    print(" Sequence_and_series ")
    print(" quadratic_Equations ")
    print(" Complex_numbers ")
    print(" Binomial_and_Permutations_and_Combinations ")
    print(" Coordinate_Geometry ")
    print(" Determinant_Matrices ")
    print(" Relations_Functions ")
    print(" Limits_Continuity_Differentiability ")
    print(" AOD ")
    print(" Integration ")
    print(" Differential_Equations ")
    print(" 3D_Geometry ")
    print(" Probability ")
    new_number1=int(input("enter the number of questions in Basic_Mathematics"))
    new_number2=int(input("enter the number of questions in
Trignometry_and_Inverse_trignometry"))
    new_number3=int(input("enter the number of questions in Sequence_and_series"))
```

```python
    new_number4=int(input("enter the number of questions in quadratic_Equations"))
    new_number5=int(input("enter the number of questions in Complex_numbers"))
    new_number6=int(input("enter the number of questions in
Binomial_and_Permutations_and_Combinations"))
    new_number7=int(input("enter the number of questions in Coordinate_Geometry"))
    new_number8=int(input("enter the number of questions in Determinant_Matrices"))
    new_number9=int(input("enter the number of questions in
Limits_Continuity_Differentiability"))
    new_number10=int(input("enter the number of questions in AOD"))
    new_number11=int(input("enter the number of questions in Integration"))
    new_number12=int(input("enter the number of questions in Differential_Equations"))
    new_number13=int(input("enter the number of questions in 3D_Geometry"))
    new_number14=int(input("enter the number of questions in Probability"))
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into JEE_Mains_Maths
values({},{},{},{},{},{},{},{},{},{},{},{},{},{},{})".format(year,new_number1,new_number2,
new_number3,new_number4,new_number5,new_number6,new_number7,new_number8,new_nu
mber9,new_number10,new_number11,new_number12,new_number13,new_number14)
    cobj.execute(qr)
    db.commit()
```

#TO ADD AN IMPOTANT QUESTION OF THE SUCJECT: CHEMISTRY INTO JEE ADVANCED QUESTIONS DATA

```python
def add_question_JEE_Advanced_Chem():
    print("-------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Physical_Chemistry ")
    print(" Organic_Chemistry ")
    print(" Inorganic_Chemistry ")
    topic=input("enter the topic in which question is to be entered")
    question=input("enter the question")
    year=int(input("enter year in which question was asked is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into jee_advanced_chemistry_important_questions
values({},'{}','{}')".format(year,topic,question)
    cobj.execute(qr)
    db.commit()
```

#TO ADD AN IMPOTANT QUESTION OF THE SUCJECT: CHEMISTRY INTO JEE MAINS QUESTIONS DATA

```python
def add_question_JEE_Mains_Chem():
    print("---------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Physical_Chemistry ")
    print(" Organic_Chemistry ")
    print(" Inorganic_Chemistry ")
    topic=input("enter the topic in which question is to be entered")
    question=input("enter the question")
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605")
    cobj=db.cursor()
    qr="insert into  jee_mains_chemistry_important_questions
values({},'{}','{}')".format(year,topic,question)
    cobj.execute(qr)
```

#TO ADD AN IMPOTANT QUESTION OF THE SUCJECT: PHYSICS INTO JEE ADVANCED QUESTIONS DATA

```python
def add_question_JEE_Advanced_Physics():
    print("---------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Mechanics ")
    print(" SHM_and_Waves ")
    print(" Thermodynamics ")
    print(" Gravitation ")
    print(" Electrodynamics ")
    print(" Currrent_and_Magnetism ")
    print(" Optics ")
    print(" Modern_Physics ")
    topic=input("enter the topic in which question is to be entered")
    question=input("enter the question")
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605")
    cobj=db.cursor()
    qr="insert into jee_advanced_physics_important_questions
values({},'{}','{}')".format(year,topic,question)
    cobj.execute(qr)
```

```python
#TO ADD AN IMPOTANT QUESTION OF THE SUCJECT: PHYSICS INTO JEE MAINS
QUESTIONS DATA
def add_question_JEE_Mains_Physics():
    print("------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Mechanics ")
    print(" SHM_and_Waves ")
    print(" Thermodynamics ")
    print(" Gravitation ")
    print(" Electrodynamics ")
    print(" Currrent_and_Magnetism ")
    print(" Optics ")
    print(" Modern_Physics ")
    print(" Semi_conductors_and_logic_Gates ")
    topic=input("enter the topic in which question is to be entered")
    question=input("enter the question")
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into jee_mains_physics_important_questions
values({},'{}','{}')".format(year,topic,question)
    cobj.execute(qr)
```

#TO ADD AN IMPOTANT QUESTION OF THE SUCJECT: MATHEMATICS INTO JEE ADVANCED QUESTIONS DATA

```python
def add_question_JEE_Advanced_Maths():
    print("------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Basic_Mathematics ")
    print(" Trignometry_and_Inverse_trignometry ")
    print(" Sequence_and_series ")
    print(" quadratic_Equations ")
    print(" Complex_numbers ")
    print(" Binomial_and_Permutations_and_Combinations ")
    print(" Coordinate_Geometry ")
    print(" Determinant_Matrices ")
    print(" Relations_Functions ")
    print(" Limits_Continuity_Differentiability ")
    print(" AOD ")
    print(" Integration ")
    print(" Differential_Equations ")
    print(" 3D_Geometry ")
```

```python
    print(" Probability ")
    topic=input("enter the topic in which question is to be entered")
    question=input("enter the question")
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into jee_advanced_maths_important_questions
values({},'{}','{}')".format(year,topic,question)
    cobj.execute(qr)
```

#TO ADD AN IMPOTANT QUESTION OF THE SUCJECT: MATHEMATICS INTO JEE ADVANCED QUESTIONS DATA

```python
def add_question_JEE_Mains_Maths():
    print("--------------------------------------------------------------------")
    print(" AVAILABLE TOPICS ")
    print(" Basic_Mathematics ")
    print(" Trignometry_and_Inverse_trignometry ")
    print(" Sequence_and_series ")
    print(" quadratic_Equations ")
    print(" Complex_numbers ")
    print(" Binomial_and_Permutations_and_Combinations ")
    print(" Coordinate_Geometry ")
    print(" Determinant_Matrices ")
    print(" Relations_Functions ")
    print(" Limits_Continuity_Differentiability ")
    print(" AOD ")
    print(" Integration ")
    print(" Differential_Equations ")
    print(" 3D_Geometry ")
    print(" Probability ")
    topic=input("enter the topic in which question is to be entered")
    question=input("enter the question")
    year=int(input("enter year in which questions number is to be entered"))

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
    cobj=db.cursor()
    qr="insert into jee_mains_maths_important_questions
values({},'{}','{}')".format(year,topic,question)
    cobj.execute(qr)
```

#TO VIEW THE IMPORTANT QUESTIONS ASKED EACH YEAR IN JEE MAINS OF THE SUBJECT: CHEMISTRY

```python
def Importnat_Questions_JEE_Mains_Chemistry():

    print("Enter 1 to enter the topic whose important questions is to be searched")
    print("Enter 2 to view the complete data")
    c=int(input("Enter your choice"))
    if c==1:

        print("------------------------------------------------------------------")
        print(" AVAILABLE TOPICS ")
        print(" Physical_Chemistry ")
        print(" Organic_Chemistry ")
        print(" Inorganic_Chemistry ")
        topic=input("Enter the topic to be searched")
        if topic in "Physical_Chemistry Organic_Chemistry Inorganic_Chemistry":

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
            cobj=db.cursor()
            qr="Select * from JEE_Mains_Chemistry_Important_Questions where
topic='{}'".format(topic)
            cobj.execute(qr)
            for data in cobj:
                print("Year" , data[0])
                print("Topic" , data[1])
                print("Question" , data[2])

        if topic not in "Physical_Chemistry Organic_Chemistry Inorganic_Chemistry":

print("/////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////////")
            print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
            print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("/////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////////")


    if c==2:

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
        cobj=db.cursor()
        qr="Select * from JEE_Mains_Chemistry_Important_Questions"
```

```
        cobj.execute(qr)
        for data in cobj:
            print("Year" , data[0])
            print("Topic" , data[1])
            print("Question" , data[2])

    if c<1 or c>2:

print("////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS
NOT AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////////////////")
```

#TO VIEW THE IMPORTANT QUESTIONS ASKED EACH YEAR IN JEE ADVANCED OF THE SUBJECT: CHEMISTRY

```
def Importnat_Questions_JEE_Advanced_Chemistry():

    print("Enter 1 to enter the topic whose important questions is to be searched")
    print("Enter 2 to view the complete data")
    c=int(input("Enter your choice"))
    if c==1:
        print("----------------------------------------------------------------")
        print(" AVAILABLE TOPICS ")
        print(" Physical_Chemistry ")
        print(" Organic_Chemistry ")
        print(" Inorganic_Chemistry ")
        topic=input("Enter the topic to be searched")
        if topic in "Physical_Chemistry Organic_Chemistry Inorganic_Chemistry":

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
            cobj=db.cursor()
            qr="Select * from jee_advanced_chemistry_important_questions where
topic='{}'".format(topic)
            cobj.execute(qr)
            for data in cobj:
                print("Year" , data[0])
                print("Topic" , data[1])
                print("Question" , data[2])

        if topic not in "Physical_Chemistry Organic_Chemistry Inorganic_Chemistry":
```

```python
print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////")

   if c==2:

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
     cobj=db.cursor()
     qr="Select * from JEE_Advanced_Chemistry_Important_Questions"
     cobj.execute(qr)
     for data in cobj:
        print("Year" , data[0])
        print("Topic" , data[1])
        print("Question" , data[2])

   if c<1 or c>2:

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////")
     print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS
NOT AVAILABLE")
     print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////")
```

#TO VIEW THE IMPORTANT QUESTIONS ASKED EACH YEAR IN JEE ADVANCED OF THE SUBJECT: PHYSICS

```python
def Importnat_Questions_JEE_Advanced_Physics():

   print("Enter 1 to enter the topic whose important questions is to be searched")
   print("Enter 2 to view the complete data")
   c=int(input("Enter your choice"))
   if c==1:
      print("----------------------------------------------------------------")
      print(" AVAILABLE TOPICS ")
      print(" Mechanics ")
      print(" SHM_and_Waves ")
```

```python
    print(" Thermodynamics ")
    print(" Gravitation ")
    print(" Electrodynamics ")
    print(" Currrent_and_Magnetism ")
    print(" Optics ")
    topic=input("Enter the topic to be searched")
    if topic in " Mechanics  SHM_and_Waves  Thermodynamics  Gravitation  Electrodynamics
Currrent_and_Magnetism Optics ":

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
        cobj=db.cursor()
        qr="Select * from JEE_Advanced_Physics_Important_Questions where
topic='{}'".format(topic)
        cobj.execute(qr)
        for data in cobj:
            print("Year" , data[0])
            print("Topic" , topic)
            print("Question" , data[2])


    if topic not in " Mechanics  SHM_and_Waves  Thermodynamics  Gravitation
Electrodynamics Currrent_and_Magnetism Optics ":

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
///////////////////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
///////////////////////////")

  if c==2:

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
     cobj=db.cursor()
     qr="Select * from JEE_Advanced_Physics_Important_Questions"
     cobj.execute(qr)
     for data in cobj:
        print("Year" , data[0])
        print("Topic" , data[1])
        print("Question" , data[2])

  if c<1 or c>2:
```

```python
print("////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////")
    print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS
NOT AVAILABLE")
    print("PLEASE ENTER YOUR CHOICE CAREFULLY")


print("////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////")
```

#TO VIEW THE IMPORTANT QUESTIONS ASKED EACH YEAR IN JEE MAINS OF THE SUBJECT: PHYSICS

```python
def Importnat_Questions_JEE_Mains_Physics():
    print("Enter 1 to enter the topic whose important questions is to be searched")
    print("Enter 2 to view the complete data")
    c=int(input("Enter your choice"))
    if c==1:
        print("-------------------------------------------------------------------")
        print(" AVAILABLE TOPICS ")
        print(" Mechanics ")
        print(" SHM_and_Waves ")
        print(" Thermodynamics ")
        print(" Gravitation ")
        print(" Electrodynamics ")
        print(" Currrent_and_Magnetism ")
        print(" Optics ")
        print(" Semi_conductors_and_logic_Gates ")
        topic=input("Enter the topic to be searched")
        if topic in " Mechanics  SHM_and_Waves  Thermodynamics      Gravitation
Electrodynamics Currrent_and_Magnetism Optics    Semi_conductors_and_logic_Gates":

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
        cobj=db.cursor()
        qr="Select * from JEE_Mains_Physics_Important_Questions where
topic='{}'".format(topic)
        cobj.execute(qr)
        print("Year" , data[0])
        print("Topic" , topic)
        print("Question" , data[2])


        if topic not in " Mechanics  SHM_and_Waves  Thermodynamics  Gravitation
Electrodynamics Currrent_and_Magnetism Optics Semi_conductors_and_logic_Gates":
```

```
print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")

    if c==2:

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
        cobj=db.cursor()
        qr="Select * from JEE_Mains_Physics_Important_Questions"
        cobj.execute(qr)
        for data in cobj:
            print("Year" , data[0])
            print("Topic" , data[1])
            print("Question" , data[2])

    if c<1 or c>2:

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS
NOT AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")
```

#TO VIEW THE IMPORTANT QUESTIONS ASKED EACH YEAR IN JEE MAINS OF THE SUBJECT: MATHEMATICS

```
def Importnat_Questions_JEE_Mains_Maths():

    print("Enter 1 to enter the topic whose important questions is to be searched")
    print("Enter 2 to view the complete data")
    c=int(input("Enter your choice"))
    if c==1:
        print("-------------------------------------------------------------------")
        print(" AVAILABLE TOPICS ")
        print(" Basic_Mathematics ")
```

```python
        print(" Trignometry_and_Inverse_trignometry ")
        print(" Sequence_and_series ")
        print(" quadratic_Equations ")
        print(" Complex_numbers ")
        print(" Binomial_and_Permutations_and_Combinations ")
        print(" Coordinate_Geometry ")
        print(" Determinant_Matrices ")
        print(" Relations_Functions ")
        print(" Limits_Continuity_Differentiability ")
        print(" AOD ")
        print(" Integration ")
        print(" Differential_Equations ")
        print(" 3D_Geometry ")
        print(" Probability ")
        topic=input("Enter the topic to be searched")
        if topic in "Basic_Mathematics Trignometry_and_Inverse_trignometry
Sequence_and_series quadratic_Equations Complex_numbers
Binomial_and_Permutations_and_Combinations Coordinate_Geometry Determinant_Matrices
Relations_Functions Limits_Continuity_Differentiability AOD Integration
Differential_Equations 3D_Geometry Probability":


db=conn.onnect(host="localhost",user="root",database="JEE",password="OmmHappy@10605"
)
        cobj=db.cursor()
        qr="Select * from JEE_Mains_Maths_Important_Questions where
topic='{}'".format(topic)
        cobj.execute(qr)
        for data in cobj:
            print("Year" , data[0])
            print("Topic" , topic)
            print("Question" , data[2])
        if topic not in "Basic_Mathematics Trignometry_and_Inverse_trignometry
Sequence_and_series quadratic_Equations Complex_numbers
Binomial_and_Permutations_and_Combinations Coordinate_Geometry Determinant_Matrices
Relations_Functions Limits_Continuity_Differentiability AOD Integration
Differential_Equations 3D_Geometry Probability":

print("/////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
///////////////////////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")
```

```python
print("//////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")

   if c==2:

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
     cobj=db.cursor()
     qr="Select * from JEE_Mains_Maths_Important_Questions"
     cobj.execute(qr)
     for data in cobj:
        print("Year" , data[0])
        print("Topic" , data[1])
        print("Question" , data[2])

   if c<1 or c>2:

print("//////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")
     print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS
NOT AVAILABLE")
     print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("//////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")
```

#TO VIEW THE IMPORTANT QUESTIONS ASKED EACH YEAR IN JEE ADVANCED OF THE SUBJECT: MATHEMATICS

```python
def Importnat_Questions_JEE_Advanced_Maths():

   print("Enter 1 to enter the topic whose important questions is to be searched")
   print("Enter 2 to view the complete data")
   c=int(input("Enter your choice"))
   if c==1:
      print("--------------------------------------------------------------------")
      print(" AVAILABLE TOPICS ")
      print(" Basic_Mathematics ")
      print(" Trignometry_and_Inverse_trignometry ")
      print(" Sequence_and_series ")
      print(" quadratic_Equations ")
      print(" Complex_numbers ")
      print(" Binomial_and_Permutations_and_Combinations ")
      print(" Coordinate_Geometry ")
      print(" Determinant_Matrices ")
```

```python
        print(" Relations_Functions ")
        print(" Limits_Continuity_Differentiability ")
        print(" AOD ")
        print(" Integration ")
        print(" Differential_Equations ")
        print(" 3D_Geometry ")
        print(" Probability ")
        topic=input("Enter the topic to be searched")
        if topic in "Basic_Mathematics Trignometry_and_Inverse_trignometry
Sequence_and_series quadratic_Equations Complex_numbers
Binomial_and_Permutations_and_Combinations Coordinate_Geometry Determinant_Matrices
Relations_Functions Limits_Continuity_Differentiability AOD Integration
Differential_Equations 3D_Geometry Probability":

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
            cobj=db.cursor()
            qr="Select * from JEE_Advanced_Maths_Important_Questions where
topic='{}'".format(topic)
            cobj.execute(qr)
            for data in cobj:
                print("Year" , data[0])
                print("Topic" , topic)
                print("Question" , data[2])

        if topic not in "Basic_Mathematics Trignometry_and_Inverse_trignometry
Sequence_and_series quadratic_Equations Complex_numbers
Binomial_and_Permutations_and_Combinations Coordinate_Geometry Determinant_Matrices
Relations_Functions Limits_Continuity_Differentiability AOD Integration
Differential_Equations 3D_Geometry Probability":

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")
            print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
            print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")

    if c==2:

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
        cobj=db.cursor()
        qr="Select * from JEE_Advanced_Maths_Important_Questions"
```

```
        cobj.execute(qr)
        for data in cobj:
            print("Year" , data[0])
            print("Topic" , data[1])
            print("Question" , data[2])

    if c<1 or c>2:

print("//////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS
NOT AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("//////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////////////////")
```

#TO TRANSFER CONTROL TO ADMIN ON SUCCESSFUL VEFICATION

```
def admin():
    print("**********************************************************************")
    print("Welcome Admin to JEE_Questions_DATA from 2013-2023")
    print("**********************************************************************")
    print("Enter 1 for updating the number of questions ")
    print("Enter 2 for updating the importnat questions ")
    inpu=int(input("Enter your choice "))
    if inpu==1:
        print("enter 1 for updating number of questions in Chemistry in JEE Advanced data")
        print("enter 2 for updating number of questions in Chemistry in JEE Mains data")
        print("enter 3 for updating number of questions in Physics in JEE Advanced data")
        print("enter 4 for updating number of questions in Physics in JEE Mains data")
        print("enter 5 for updating number of questions in Maths in JEE Advanced data")
        print("enter 6 for updating number of questions in Maths in JEE Mains data")
        print("enter 7 for addig new data to Chemistry in JEE Advanced data")
        print("enter 8 for addig new data to Chemistry in JEE Mains data")
        print("enter 9 for addig new data to Physics in JEE Advanced data")
        print("enter 10 for addig new data to Physics in JEE Mains data")
        print("enter 11 for addig new data to Maths in JEE Advanced data")
        print("enter 12 for addig new data to Maths in JEE Mains data")
        choice=int(input("enter your choice"))
        if choice==1:
            update_JEE_Advanced_Chem()
        if choice==2:
            update_JEE_Mains_Chem()
        if choice==3:
            update_JEE_Advanced_Physics()
```

```python
      if choice==4:
        update_JEE_Mains_Physics()
      if choice==5:
        update_JEE_Advanced_Maths()
      if choice==6:
        update_JEE_Mains_Maths()
      if choice==7:
        add_JEE_Advanced_Chem()
      if choice==8:
        add_JEE_Mains_Chem()
      if choice==9:
        add_JEE_Advanced_Physics()
      if choice==10:
        add_JEE_Mains_Physics()
      if choice==11:
        add_JEE_Advanced_Maths()
      if choice==12:
        add_JEE_Mains_Maths()
  if inpu==2:
    print("enter 1 for adding the important questions of Chemistry in JEE Advanced data")
    print("enter 2 for adding the important questions of Chemistry in JEE Mains data")
    print("enter 3 for adding the important questions of Physics in JEE Advanced data")
    print("enter 4 for adding the important questions of Physics in JEE Mains data")
    print("enter 5 for adding the important questions of Maths in JEE Advanced data")
    print("enter 6 for adding the important questions of Maths in JEE Mains data")
    choice=int(input("Enter your choice"))
    if choice==1:
      add_question_JEE_Advanced_Chem()
    if choice==2:
      add_question_JEE_Mains_Chem()
    if choice==3:
      add_question_JEE_Advanced_Physics()
    if choice==4:
      add_question_JEE_Mains_Physics()
    if choice==5:
      add_question_JEE_Advanced_Maths()
    if choice==6:
      add_question_JEE_Mains_Maths()




#WELCOME MESSAGE
print("*********************************************************")
print("Welcome to JEE_Questions_DATA from 2013-2023")
print("*********************************************************")
print("For Admin enter 1 ")
```

```python
print("For User enter 2 ")
inp=int(input("Enter your choice "))

if inp==1:
    print("Enter username")
    user=input("")
    print("Enter password")
    pasw=input("")

dbo=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605")
    cu=dbo.cursor()
    query="select * from admin_data"
    cu.execute(query)
    for data in cu:
        if data[0]==user and data[1]==pasw:
            admin()

        else:
            print("WRONG PASSWORD OR USERNAME")
```

#TO TRANSFER CONTROL TO USER

```python
if inp==2:
    print("********************************************************************")
    print("Welcome User to JEE_Questions_DATA from 2013-2023")
    print("********************************************************************")
    print("enter 1 for JEE_mains_questions data")
    print("enter 2 for JEE_Advanced_questions data")
    print("enter 3 for selection of topic_wise data from chemistry")
    print("enter 4 for selection of topic_wise data from physics")
    print("enter 5 for selection of topic_wise data from maths")
    print("enter 6 for viewing important questions of JEE Advanced")
    print("enter 7 for viewing important questions of JEE Mains")
    x=int(input("Enter your choice "))

    if x==1:

print("********************************************************************************************")
        print("Welcome to JEE_MAINS_Number_of_Questions DATA from 2013-2023")

print("********************************************************************************************")
        print("enter 1 for JEE_mains_Chemistry data")
```

```python
        print("enter 2 for JEE_mains_Physics data")
        print("enter 3 for JEE_mains_Maths data")
        z=int(input("Enter your choice "))
        if z==1:
            JEE_Mains_Chemistry()
        if z==2:
            JEE_Mains_Physics()
        if z==3:
            JEE_Mains_Maths()
        if z<=0 or z>=4:

print("//////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")
            print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
            print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("//////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")



    if x==2:

print("**********************************************************************
*****")
        print("Welcome to JEE_ADVANCED_Number_of_Questions DATA from 2013-2023")

print("**********************************************************************
*****")
        print("enter 1 for JEE_Advanced_Chemistry data")
        print("enter 2 for JEE_Advanced_Physics data")
        print("enter 3 for JEE_Advanced_Maths data")
        z=int(input("Enter your choice"))
        if z==1:
            JEE_Advanced_Chemistry()
        if z==2:
            JEE_Advanced_Physics()
        if z==3:
            JEE_Advanced_Maths()
        if z<=0 or z>=4:

print("//////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")
            print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
```

```python
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////////////////")


    if x==3:

print("*********************************************************************************
*****")
        print("Welcome to Chemistry_Topicwise_data of JEE from 2013-2023")

print("*********************************************************************************
*****")
        print(" AVAILABLE TOPICS ")
        print(" Physical_Chemistry ")
        print(" Organic_Chemistry ")
        print(" Inorganic_Chemistry ")
        q=input("enter the topic whose data you want to see ")
        if q in ["Physical_Chemistry" , "Organic_Chemistry" , "Inorganic_Chemistry"]:

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
            cobj=db.cursor()
            cobj1=db.cursor()
            print("-----------------JEE_Adavanced_Data---------------------")
            cobj.execute("select {},year from JEE_Advanced_Chemistry".format(q))
            for data in cobj:
                print("Year" , data[1])
                print("Number of Questions from" , q , "is", data[0])
            print("----------------JEE_Mains_Data---------------------")
            cobj1.execute("select {},year from JEE_Mains_Chemistry".format(q))
            for data1 in cobj1:
                print("Year" , data1[1])
                print("Number of Questions from" , q , "is", data1[0])

        if q not in ["Physical_Chemistry", "Organic_Chemistry", "Inorganic_Chemistry"]:

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////////////////")
            print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
            print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////////////////")
```

```python
    if x==4:

print("************************************************************************
*****")
        print("Welcome to Physics_Topicwise_data of JEE from 2013-2023")

print("************************************************************************
*****")
        print(" AVAILABLE TOPICS ")
        print(" Mechanics " )
        print(" SHM_and_Waves " )
        print(" Thermodynamics " )
        print(" Gravitation " )
        print(" Electrodynamics " )
        print(" Currrent_and_Magnetism ")
        print(" Optics " )
        print(" Modern_Physics " )
        print(" Semi_conductors_and_logic_Gates ")
        q =input("enter the topic whose data you want to see ")
        if q in  "Mechanics SHM_and_Waves Thermodynamics Gravitation Electrodynamics
Currrent_and_Magnetism Optics Modern_Physics Semi_conductors_and_logic_Gates":

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
          cobj=db.cursor()
          cobj1=db.cursor()
          print("-----------------JEE_Adavanced_Data---------------------")
          cobj.execute("select {},year from JEE_Advanced_Physics".format(q))
          for data in cobj:
             print("Year" , data[1])
             print("Number of Questions from" , q , "is", data[0])
          print("----------------------JEE_Mains_Data-----------------------")
          cobj1.execute("select {},year from JEE_Mains_Physics".format(q))
          for data1 in cobj1:
             print("Year" , data[1])
             print("Number of Questions from" , q , "is", data[0])
        if q not in  "Mechanics SHM_and_Waves Thermodynamics Gravitation Electrodynamics
Currrent_and_Magnetism Optics Modern_Physics Semi_conductors_and_logic_Gates":

print("////////////////////////////////////////////////////////////////////////////////////////////////////////////////
/////////////////////////")
          print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH
IS NOT AVAILABLE")
          print("PLEASE ENTER YOUR CHOICE CAREFULLY")
```

```python
print("/////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////")




   if x==5:

print("*************************************************************************")
     print("Welcome to Maths_Topicwise_data of JEE from 2013-2023")

print("*************************************************************************")
     print(" Basic_Mathematics ")
     print(" Trignometry_and_Inverse_trignometry ")
     print(" Sequence_and_series ")
     print(" quadratic_Equations ")
     print(" Complex_numbers ")
     print(" Binomial_and_Permutations_and_Combinations ")
     print(" Coordinate_Geometry ")
     print(" Determinant_Matrices ")
     print(" Relations_Functions ")
     print(" Limits_Continuity_Differentiability " )
     print(" AOD " )
     print(" Integration ")
     print(" Differential_Equations ")
     print(" 3D_Geometry ")
     print(" Probability " )
     q =input("enter the topic whose data you want to see ")
     if q in "Basic_Mathematics Trignometry_and_Inverse_trignometry Sequence_and_series
quadratic_Equations Complex_numbers Binomial_and_Permutations_and_Combinations
Coordinate_Geometry Determinant_Matrices Relations_Functions
Limits_Continuity_Differentiability AOD Integration Differential_Equations 3D_Geometry
Probability":

db=conn.connect(host="localhost",user="root",database="JEE",password="OmmHappy@10605
")
        cobj=db.cursor()
        cobj1=db.cursor()
        print("------------------JEE_Adavanced_Data---------------------")
        cobj.execute("select {},year from JEE_Advanced_Maths".format(q))
        for data in cobj:
           print("Year" , data[1])
          print("Number of Questions from" , q , "is", data[0])
        print("----------------------JEE_Mains_Data------------------------")
```

```python
        cobj1.execute("select {},year from JEE_Mains_Maths".format(q))
        for data1 in cobj1:
            print("Year" , data1[1])
            print("Number of Questions from" , q , "is", data1[0])
    if q not in "Basic_Mathematics Trignometry_and_Inverse_trignometry Sequence_and_series
quadratic_Equations Complex_numbers Binomial_and_Permutations_and_Combinations
Coordinate_Geometry Determinant_Matrices Relations_Functions Limits_Continuity_Differentiability
AOD Integration Differential_Equations 3D_Geometry Probability":

print("/////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS NOT
AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("/////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////")

    if x==6:

print("********************************************************************************
**************************")
        print("Welcome to Topicwise_Importnat_Questions_of_JEE_Advanced of JEE from 2013-2023")

print("********************************************************************************
**************************")
        print("Enter 1 for viewing important question of Chemistry")
        print("Enter 2 for viewing important question of Physics")
        print("Enter 3 for viewing important question of Maths")
        z1=int(input("Enter your choice"))
        if z1==1:
            Importnat_Questions_JEE_Advanced_Chemistry()
        if z1==2:
            Importnat_Questions_JEE_Advanced_Physics()
        if z1==3:
            Importnat_Questions_JEE_Advanced_Maths()
        if z1<1 or z1>3:

print("/////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS NOT
AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("/////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
//////////////")

    if x==7:

print("********************************************************************************
**************************")
```

```
    print("Welcome to Topicwise_Importnat_Questions_of_JEE_Mains of JEE from 2013-2023")

print("*****************************************************************************
**************************")
    print("Enter 1 for viewing important question of Chemistry")
    print("Enter 2 for viewing important question of Physics")
    print("Enter 3 for viewing important question of Maths")
    z2=int(input("Enter your choice"))

    if z2==1:
        Importnat_Questions_JEE_Mains_Chemistry()
    if z2==2:
        Importnat_Questions_JEE_Mains_Physics()
    if z2==3:
        Importnat_Questions_JEE_Mains_Maths()
    if z2<1 or z2>3:

print("////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS NOT
AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")

print("////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
////////////")


    if x<1 or x>7:
        print("////////////////////////////////////////////////////////////////////////////////////")
        print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS NOT
AVAILABLE")
        print("PLEASE ENTER YOUR CHOICE CAREFULLY")
        print("////////////////////////////////////////////////////////////////////////////////////")


if inp<1 or inp>2:
    print("////////////////////////////////////////////////////////////////////////////////////")
    print("YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS NOT
AVAILABLE")
    print("PLEASE ENTER YOUR CHOICE CAREFULLY")
    print("////////////////////////////////////////////////////////////////////////////////////")


print("***************************************************")
print("THANK YOU FOR USING THE PROGRAM")
print("***************************************************")

#AT THE END OF EACH FUNCTION EXCEPTION IS HANDLED EFFICIENTLY
#EVERY DATA IS BEING DISPLAYED USING THE FOR LOOP MECHANISM
```

MYSQL

DATABASE

Tables in JEE database

```
1 •  use jee;
2 •  show tables;
3
```

Tables_in_jee
admin_data
jee_advanced_chemistry
jee_advanced_chemistry_important_questions
jee_advanced_maths
jee_advanced_maths_important_questions
jee_advanced_physics
jee_advanced_physics_important_questions
jee_mains_chemistry
jee_mains_chemistry_important_questions
jee_mains_maths
jee_mains_maths_important_questions
jee_mains_physics
jee_mains_physics_important_questions

Admin data table

```
1 •  use jee;
2 •  desc admin_data;
3
4
```

Field	Type	Null	Key	Default	Extra
username	varchar(100)	NO	PRI	NULL	
password	varchar(100)	NO		NULL	

```
1 •  use jee;
2 •  select * from admin_data;
3
4
```

username	password
admin1	password1
NULL	NULL

JEE Advanced Chemistry number of questions Table


```
1 •  use jee;
2 •  desc jee_advanced_chemistry;
3
4
```

Field	Type	Null	Key	Default	Extra
year	float(6,1)	NO	PRI	NULL	
Physical_Chemistry	int	NO		NULL	
Organic_chemistry	int	NO		NULL	
Inorganic_Chemistry	int	NO		NULL	

```
1 •  use jee;
2 •  select * from jee_advanced_chemistry;
3
4
```

year	Physical_Chemistry	Organic_chemistry	Inorganic_Chemistry
2013.0	10	15	11
2014.0	12	10	14
2015.0	8	14	14
2016.0	11	12	13
2017.0	14	8	14
2018.0	13	13	10
2019.0	10	14	12
2020.0	14	9	13
2021.0	12	13	11
2022.0	9	12	15
2023.0	15	11	10
NULL	NULL	NULL	NULL

JEE Advanced Chemistry Important Questions Table

```
1 •  use jee;
2 •  desc jee_advanced_chemistry_important_questions;
3
4
```

Field	Type	Null	Key	Default	Extra
Year	float(10,1)	NO		NULL	
Topic	varchar(50)	NO		NULL	
Question	varchar(1000)	NO		NULL	

```sql
1•  use jee;
2•  select * from jee_advanced_chemistry_important_questions;
3
4
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Year	Topic	Question
2017.0	Physical_Chemistry	which of the following isoelectronic cr+ v- K+ ca2+
2013.0	Physical_Chemistry	What is the concept of Gibbs free energy in physical chemistry?
2018.2	Inorganic_Chemistry	What are transition metals and their role in inorganic chemistry?
2015.5	Organic_Chemistry	Explain the mechanism of nucleophilic substitution reactions in organic chemistry.
2022.3	Organic_Chemistry	Discuss the structure and function of organic molecules in living organisms.
2020.7	Physical_Chemistry	Describe the principles of chemical kinetics in physical chemistry.

JEE Advanced Maths number of questions Table

```sql
1•  use jee;
2•  desc jee_advanced_maths;
3
4
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Field	Type	Null	Key	Default	Extra
year	float(6,1)	NO	PRI	NULL	
Basic_Mathematics	int	NO		NULL	
Trignometry_and_Inverse_trignometry	int	NO		NULL	
Sequence_and_series	int	NO		NULL	
quadratic_Equations	int	NO		NULL	
Complex_numbers	int	NO		NULL	
Binomial_and_Permutations_and_Combinations	int	NO		NULL	
Coordinate_Geometry	int	NO		NULL	
Determinant_Matrices	int	NO		NULL	
Relations_Functions	int	NO		NULL	
Limits_Continuity_Differentiability	int	NO		NULL	
AOD	int	NO		NULL	
Integration	int	NO		NULL	
Differential_Equations	int	NO		NULL	
3D_Geometry	int	NO		NULL	
Probability	int	NO		NULL	

JEE Advanced Maths Important Questions Table

year	Basic_Mathematics	Trignometry_and_Inverse_trignometry	Sequence_and_series	quadratic_Equations	Complex_numbers	Binomial_and_Permutations_and_Combinations	Coordinate_Geometry	Determinant_Matrices	Relations_Functions	Limits_Continuity_Differentiability	AOD
2013.0	5	4	3	2	3	5	5	3	2	1	3
2014.0	4	3	2	4	2	3	4	3	4	5	3
2015.0	3	2	4	3	4	2	3	4	3	2	4
2016.0	2	4	3	2	3	4	2	3	5	4	2
2017.0	5	3	2	4	2	3	4	3	4	5	3
2018.0	4	2	4	3	4	2	3	4	3	2	4
2019.0	2	4	3	2	3	4	2	3	5	4	2
2020.0	5	3	2	4	2	3	4	3	4	5	3
2021.0	4	2	4	3	4	2	3	4	3	2	4
2022.0	2	4	3	2	3	4	2	3	5	4	2
2023.0	5	3	2	4	2	3	4	3	4	5	3
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```sql
use jee;
desc jee_advanced_maths_important_questions;
```

Field	Type	Null	Key	Default	Extra
Year	float(10,1)	NO		NULL	
Topic	varchar(50)	NO		NULL	
Question	varchar(1000)	NO		NULL	

```
1•  use jee;
2•  select * from jee_advanced_maths_important_questions;
3
4
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

Year	Topic	Question
2013.0	Trigonometry_and_Inverse_trignometry	Solve a complex trigonometric equation.
2015.5	Binomial_and_Permutations_and_Combinations	Prove the combinatorial identity involving binomial coefficients.
2018.2	Limits_Continuity_Differentiability	Evaluate the limit of a given function at a specific point.
2020.7	Integration	Compute the definite integral of a challenging mathematical function.
2022.3	3D_Geometry	Find the distance between two skew lines in three-dimensional space.

JEE Advanced Physics number of questions Table

```
1•  use jee;
2•  desc jee_advanced_physics;
3
4
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

Field	Type	Null	Key	Default	Extra
year	float(6,1)	NO	PRI	NULL	
Mechanics	int	NO		NULL	
SHM_and_Waves	int	NO		NULL	
Thermodynamics	int	NO		NULL	
Gravitation	int	NO		NULL	
Electrodynamics	int	NO		NULL	
Currrent_and_Magnetism	int	NO		NULL	
Optics	int	NO		NULL	
Modern_Physics	int	NO		NULL	

```
1•  use jee;
2•  select * from jee_advanced_physics;
3
4
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

year	Mechanics	SHM_and_Waves	Thermodynamics	Gravitation	Electrodynamics	Currrent_and_Magnetism	Optics	Modern_Physics
2013.0	6	2	3	0	4	9	6	6
2014.0	4	4	6	1	6	5	7	3
2015.0	7	3	5	2	6	5	5	3
2016.0	6	1	6	4	5	3	5	6
2017.0	8	2	4	5	3	4	5	5
2018.0	7	3	5	4	4	2	6	5
2019.0	9	1	3	6	3	5	4	5
2020.0	6	2	6	3	5	4	3	7
2021.0	8	3	2	4	4	6	4	5
2022.0	7	1	4	5	3	5	6	5
2023.0	9	2	5	4	4	3	5	4
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

JEE Advanced Physics Important Questions Table

```
1•  use jee;
2•  desc jee_advanced_physics_important_questions;
3
4
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
Year	float(10,1)	NO		NULL	
Topic	varchar(50)	NO		NULL	
Question	varchar(1000)	NO		NULL	

```
Query 1 ×
1•  use jee;
2•  select * from jee_advanced_physics_important_questions;
3
4
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

Year	Topic	Question
2013.0	Mechanics	Derive the equations of motion for a particle under constant acceleration.
2015.5	Optics	Explain the phenomenon of total internal reflection and its applications.
2018.2	Thermodynamics	Apply the laws of thermodynamics to solve a practical problem.
2020.7	Electrodynamics	Calculate the electric field due to a uniformly charged infinite plane.
2022.3	SHM_and_Waves	Discuss the properties of simple harmonic motion and its mathematical representation.

JEE Mains Chemistry number of questions Table

```
Query 1 ×
1•  use jee;
2•  desc jee_mains_chemistry;
3
4
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

Field	Type	Null	Key	Default	Extra
year	float(6,1)	NO	PRI	NULL	
Physical_Chemistry	int	NO		NULL	
Organic_chemistry	int	NO		NULL	
Inorganic_Chemistry	int	NO		NULL	

```
Query 1 ×

use jee;
select * from jee_mains_chemistry;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

year	Physical_Chemistry	Organic_chemistry	Inorganic_Chemistry
2013.0	101	99	100
2014.0	93	107	100
2015.0	107	93	100
2016.0	100	92	108
2017.0	99	108	93
2018.0	108	101	94
2019.0	94	100	106
2020.0	109	99	92
2021.0	91	109	100
2022.0	100	91	109
2023.0	109	94	97
2050.0	95	94	97
NULL	NULL	NULL	NULL

JEE Mains Chemistry Important questions Table

```
Query 1 ×

use jee;
desc jee_mains_chemistry_important_questions;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
Year	float(10,1)	NO		NULL	
Topic	varchar(50)	NO		NULL	
Question	varchar(1000)	NO		NULL	

```
1 •  use jee;
2 •  select * from jee_mains_chemistry_important_questions;
3
4
5
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ⊺A

Year	Topic	Question
2013.0	Physical_Chemistry	Explain the concept of Gibbs free energy.
2015.5	Organic_Chemistry	Discuss the mechanism of nucleophilic substitution reactions in organic chemistry.
2018.2	Inorganic_Chemistry	Examine the properties of transition metals in inorganic chemistry.
2020.7	Physical_Chemistry	Describe the principles of chemical kinetics.
2022.3	Organic_Chemistry	Explain the structure and function of organic molecules in living organisms.

JEE Mains Maths number of questions Table

```
1 •  use jee;
2 •  desc jee_mains_maths;
3
4
5
6
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ⊺A

Field	Type	Null	Key	Default	Extra
year	float(6,1)	NO	PRI	NULL	
Basic_Mathematics	int	NO		NULL	
Trignometry_and_Inverse_trignometry	int	NO		NULL	
Sequence_and_series	int	NO		NULL	
quadratic_Equations	int	NO		NULL	
Complex_numbers	int	NO		NULL	
Binomial_and_Permutations_and_Combinations	int	NO		NULL	
Coordinate_Geometry	int	NO		NULL	
Determinant_Matrices	int	NO		NULL	
Relations_Functions	int	NO		NULL	
Limits_Continuity_Differentiability	int	NO		NULL	
AOD	int	NO		NULL	
Integration	int	NO		NULL	
Differential_Equations	int	NO		NULL	
3D_Geometry	int	NO		NULL	
Probability	int	NO		NULL	

```
1•  use jee;
2•  select * from jee_mains_maths;
3
4
5
6
```

year	Basic_Mathematics	Trignometry_and_Inverse_trignometry	Sequence_and_series	quadratic_Equations	Complex_numbers	Binomial_and_Permutations_and_Combinations	Coordinate_Geometry	Determinant_Matrices	Relations_Functions	Limits_Continuity_Differentiability	AOD
2013.0	16	19	10	25	15	10	20	15	15	21	25
2014.0	20	15	25	15	20	16	9	21	19	15	10
2015.0	25	10	20	15	25	20	15	25	10	10	15
2016.0	10	25	16	20	10	16	24	9	25	15	20
2017.0	15	20	25	10	15	25	20	15	15	25	20
2018.0	20	15	10	25	20	10	15	20	20	10	15
2019.0	23	12	15	40	5	15	10	25	10	15	10
2020.0	10	20	10	15	25	20	15	10	25	20	15
2021.0	15	25	20	10	20	25	20	15	15	20	15
2022.0	20	10	25	15	15	20	25	20	10	15	25
2023.0	25	15	15	20	20	15	10	25	20	10	20
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

JEE Mains Maths Important question Table

```
1•  use jee;
2•  desc jee_mains_maths_important_questions;
3
4
5
6
```

Field	Type	Null	Key	Default	Extra
Year	float(10,1)	NO		NULL	
Topic	varchar(50)	NO		NULL	
Question	varchar(1000)	NO		NULL	

```
Limit to 1000 rows
1•  use jee;
2•  select * from jee_mains_maths_important_questions;
3
4
5
6
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Year	Topic	Question
2013.0	Binomial_and_Permutations_and_Combinations	Solve a problem involving permutations and combinations.
2015.5	Basic_Mathematics	Find the solution to a system of linear equations using matrix methods.
2018.2	Probability	Calculate the probability of a given event using classical probability rules.
2020.7	Sequence_and_series	Sum the terms of an arithmetic series and discuss its convergence.
2022.3	Limits_Continuity_Differentiability	Apply Lhospitals Rule to find the limit of an indeterminate form.

JEE Mains Physics number of questions Table

```
Limit to 1000 rows
1•  use jee;
2•  desc jee_mains_physics;
3
4
5
6
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
year	float(6,1)	NO	PRI	NULL	
Mechanics	int	NO		NULL	
SHM_and_Waves	int	NO		NULL	
Thermodynamics	int	NO		NULL	
Gravitation	int	NO		NULL	
Electrodynamics	int	NO		NULL	
Currrent_and_Magnetism	int	NO		NULL	
Optics	int	NO		NULL	
Modern_Physics	int	NO		NULL	
Semi_conductors_and_logic_Gates	int	NO		NULL	

```
1 •  use jee;
2 •  select * from jee_mains_physics;
3
4
5
6
```

year	Mechanics	SHM_and_Waves	Thermodynamics	Gravitation	Electrodynamics	Currrent_and_Magnetism	Optics	Modern_Physics	Semi_conductors_and_logic_Gates
2013.0	32	28	18	27	16	12	22	14	19
2014.0	37	23	33	14	21	18	11	23	16
2015.0	42	18	28	17	28	23	52	28	11
2016.0	29	34	24	22	13	16	51	9	27
2017.0	34	29	39	12	17	27	19	16	14
2018.0	12	24	19	34	19	13	14	21	22
2019.0	44	19	24	19	24	17	9	26	13
2020.0	31	36	22	16	26	22	16	11	28
2021.0	36	41	29	11	19	28	23	17	15
2022.0	41	31	34	18	14	21	28	19	10
2023.0	46	36	21	26	20	14	9	24	24
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

JEE Mains Physics Important question Table

```
1 •  use jee;

2 •  desc jee_mains_physics_important_questions;

3

4

5

6
```

Field	Type	Null	Key	Default	Extra
Year	float(10,1)	NO		NULL	
Topic	varchar(50)	NO		NULL	
Question	varchar(1000)	NO		NULL	

```sql
1•  use jee;

2•  select * from jee_mains_physics_important_questions;

3

4

5

6
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Year	Topic	Question
2013.0	Optics	Explain the working principle of a microscope and its magnification.
2015.5	Thermodynamics	Solve a numerical problem involving the first law of thermodynamics.
2018.2	Gravitation	Calculate the gravitational force between two objects using Newton's law of gravitation.
2020.7	Electrodynamics	Analyze the behavior of electric fields in a parallel plate capacitor.
2022.3	SHM_and_Waves	Discuss the formation and properties of standing waves on a string.

OUTPUTS

Starting of program

```
*************************************************************
Welcome to JEE_Questions_DATA from 2013-2023
*************************************************************

For Admin enter 1
For User enter 2
```

Admin Authentication

```
Enter your choice 1
Enter username
admin1
Enter password
password1
*************************************************************
Welcome Admin to JEE_Questions_DATA from 2013-2023
*************************************************************

Enter 1 for updating the number of questions
Enter 2 for updating the importnat questions
Enter your choice
```

Entering Choice

Enter your choice 1

enter 1 for updating number of questions in Chemistry in JEE Advanced data

enter 2 for updating number of questions in Chemistry in JEE Mains data

enter 3 for updating number of questions in Physics in JEE Advanced data

enter 4 for updating number of questions in Physics in JEE Mains data

enter 5 for updating number of questions in Maths in JEE Advanced data

enter 6 for updating number of questions in Maths in JEE Mains data

enter 7 for addig new data to Chemistry in JEE Advanced data

enter 8 for addig new data to Chemistry in JEE Mains data

enter 9 for addig new data to Physics in JEE Advanced data

enter 10 for addig new data to Physics in JEE Mains data

enter 11 for addig new data to Maths in JEE Advanced data

enter 12 for addig new data to Maths in JEE Mains data

enter your choice11

Entering the data to be inserted to number of question data

```
enter your choice11
-------------------------------------------------------------
AVAILABLE TOPICS
Basic_Mathematics
Trignometry_and_Inverse_trignometry
Sequence_and_series
quadratic_Equations
Complex_numbers
Binomial_and_Permutations_and_Combinations
Coordinate_Geometry
Determinant_Matrices
Relations_Functions
Limits_Continuity_Differentiability
AOD
Integration
Differential_Equations
3D_Geometry
Probability
enter the number of questions in Basic_Mathematics16
enter the number of questions in Trignometry_and_Inverse_trignometry3
enter the number of questions in Sequence_and_series5
enter the number of questions in quadratic_Equations4
enter the number of questions in Complex_numbers14
enter the number of questions in Binomial_and_Permutations_and_Combinations7
enter the number of questions in Coordinate_Geometry9
enter the number of questions in Determinant_Matrices4
enter the number of questions in Limits_Continuity_Differentiability6
enter the number of questions in AOD10
enter the number of questions in Integration2
enter the number of questions in Differential_Equations0
enter the number of questions in 3D_Geometry1
enter the number of questions in Probability3
enter year in which questions number is to be entered2026
*****************************************************
THANK YOU FOR USING THE PROGRAM
*****************************************************
```

Entering the data to be updated to number of question data

```
enter your choice5
.................................................................
AVAILABLE TOPICS
Basic_Mathematics
Trignometry_and_Inverse_trignometry
Sequence_and_series
quadratic_Equations
Complex_numbers
Binomial_and_Permutations_and_Combinations
Coordinate_Geometry
Determinant_Matrices
Relations_Functions
Limits_Continuity_Differentiability
AOD
Integration
Differential_Equations
3D_Geometry
Probability
enter the topic in which question number is to be updatedProbability
enter the updated number of questions6
enter year of the which questions number is to be updated2016
*****************************************************
THANK YOU FOR USING THE PROGRAM
*****************************************************
```

Selecting Choice

```
Enter your choice 2
enter 1 for adding the important questions of Chemistry in JEE Advanced data
enter 2 for adding the important questions of Chemistry in JEE Mains data
enter 3 for adding the important questions of Physics in JEE Advanced data
enter 4 for adding the important questions of Physics in JEE Mains data
enter 5 for adding the important questions of Maths in JEE Advanced data
enter 6 for adding the important questions of Maths in JEE Mains data
Enter your choice
```

Entering the data to be inserted to Important question data

```
Enter your choice5
--------------------------------------------------------
 AVAILABLE TOPICS
 Basic_Mathematics
 Trignometry_and_Inverse_trignometry
 Sequence_and_series
 quadratic_Equations
 Complex_numbers
 Binomial_and_Permutations_and_Combinations
 Coordinate_Geometry
 Determinant_Matrices
 Relations_Functions
 Limits_Continuity_Differentiability
 AOD
 Integration
 Differential_Equations
 3D_Geometry
 Probability
enter the topic in which question is to be enteredAOD
enter the questionAt what rate the speed of shadow increases when the height of a person increases at 5m/s
enter year in which questions number is to be entered2026
**************************************************
THANK YOU FOR USING THE PROGRAM
**************************************************
```

JEE Questions Data

```
Enter your choice 2
**********************************************************************
Welcome User to JEE_Questions_DATA from 2013-2023
**********************************************************************

enter 1 for JEE_mains_questions data
enter 2 for JEE_Advanced_questions data
enter 3 for selection of topic_wise data from chemistry
enter 4 for selection of topic_wise data from physics
enter 5 for selection of topic_wise data from maths
enter 6 for viewing important questions of JEE Advanced
enter 7 for viewing important questions of JEE Mains
```

JEE Mains Questions Data

```
Enter your choice 1
*************************************************************************************
Welcome to JEE_MAINS_Number_of_Questions DATA from 2013-2023
*************************************************************************************

enter 1 for JEE_mains_Chemistry data
enter 2 for JEE_mains_Physics data
enter 3 for JEE_mains_Maths data
```

Searching chemistry data

```
Enter your choice 1
enter the year of which data is to be searched 2019
-----------------------------------------------------------
 YEAR  2019
 NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS FOLLOWS:
 Physical_Chemistry  94
 Organic_Chemistry  100
 Inorganic_Chemistry  106
**************************************************
THANK YOU FOR USING THE PROGRAM
**************************************************
```

Searching Physics data

```
Enter your choice 2
enter the year of which data is to be searched 2016
----------------------------------------------------------------
 YEAR  2016
 NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS FOLLOWS:
 Mechanics  29
 SHM_and_Waves  34
 Thermodynamics  24
 Gravitation  22
 Electrodynamics  13
 Currrent_and_Magnetism  16
 Optics  51
 Modern_Physics  9
 Semi_conductors_and_logic_Gates  27
 ***************************************************
 THANK YOU FOR USING THE PROGRAM
 ***************************************************
```

Searching Maths data

```
Enter your choice 3
enter the year of which data is to be searched 2021
----------------------------------------------------------------
 YEAR  2021
 NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS FOLLOWS:
 Basic_Mathematics  15
 Trignometry_and_Inverse_trignometry  25
 Sequence_and_series  20
 quadratic_Equations  10
 Complex_numbers  20
 Binomial_and_Permutations_and_Combinations  25
 Coordinate_Geometry  20
 Determinant_Matrices  15
 Relations_Functions  15
 Limits_Continuity_Differentiability  20
 AOD  15
 Integration  20
 Differential_Equations  20
 3D_Geometry  15
 Probability  20
 ***************************************************
 THANK YOU FOR USING THE PROGRAM
 ***************************************************
```

JEE Advanced Questions data

```
Enter your choice 2
**********************************************************************
Welcome to JEE_ADVANCED_Number_of_Questions DATA from 2013-2023
**********************************************************************

enter 1 for JEE_Advanced_Chemistry data
enter 2 for JEE_Advanced_Physics data
enter 3 for JEE_Advanced_Maths data
Enter your choice
```

Searching Chemistry data

```
Enter your choice1
enter the year of which data is to be searched 2013

-----------------------------------------------------------
 YEAR  2013
 NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS FOLLOWS:
 Physical_Chemistry  10
 Organic_Chemistry  15
 Inorganic_Chemistry  11
**************************************************
THANK YOU FOR USING THE PROGRAM
**************************************************
```

Searching Physics data

```
Enter your choice2
enter the year of which data is to be searched 2021
-----------------------------------------------------------
 YEAR  2021
 NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS FOLLOWS:
 Mechanics  8
 SHM_and_Waves  3
 Thermodynamics  2
 Gravitation  4
 Electrodynamics  4
 Currrent_and_Magnetism  6
 Optics  4
 Modern_Physics  5
**************************************************
THANK YOU FOR USING THE PROGRAM
**************************************************
```

Searching Maths data

```
Enter your choice3
enter the year of which data is to be searched 2015
---------------------------------------------------------------
 YEAR  2015
 NUMBER OF QUESTIONS ON THE FOLLOWING TOPICS ARE AS FOLLOWS:
 Basic_Mathematics  3
 Trignometry_and_Inverse_trignometry  2
 Sequence_and_series  4
 quadratic_Equations  3
 Complex_numbers  4
 Binomial_and_Permutations_and_Combinations  2
 Coordinate_Geometry  3
 Determinant_Matrices  4
 Relations_Functions  3
 Limits_Continuity_Differentiability  2
 AOD  4
 Integration  3
 Differential_Equations  5
 3D_Geometry  2
 Probability  3
***************************************************
THANK YOU FOR USING THE PROGRAM
***************************************************
```

Topicwise Chemistry data search

```
Enter your choice 3
********************************************************************************
Welcome to Chemistry_Topicwise_data of JEE from 2013-2023
********************************************************************************

 AVAILABLE TOPICS
 Physical_Chemistry
 Organic_Chemistry
 Inorganic_Chemistry
enter the topic whose data you want to see
```

Searching Chemistry Data

```
enter the topic whose data you want to see Physical_Chemistry
----------------JEE_Adavanced_Data--------------------
Year 2013.0
Number of Questions from Physical_Chemistry is 10
Year 2014.0
Number of Questions from Physical_Chemistry is 12
Year 2015.0
Number of Questions from Physical_Chemistry is 8
Year 2016.0
Number of Questions from Physical_Chemistry is 11
Year 2017.0
Number of Questions from Physical_Chemistry is 14
Year 2018.0
Number of Questions from Physical_Chemistry is 13
Year 2019.0
Number of Questions from Physical_Chemistry is 10
Year 2020.0
Number of Questions from Physical_Chemistry is 14
Year 2021.0
Number of Questions from Physical_Chemistry is 12
Year 2022.0
Number of Questions from Physical_Chemistry is 9
Year 2023.0
Number of Questions from Physical_Chemistry is 15
----------------JEE_Mains_Data--------------------
Year 2013.0
Number of Questions from Physical_Chemistry is 101
Year 2014.0
Number of Questions from Physical_Chemistry is 93
Year 2015.0
Number of Questions from Physical_Chemistry is 107
Year 2016.0
Number of Questions from Physical_Chemistry is 100
Year 2017.0
Number of Questions from Physical_Chemistry is 99
Year 2018.0
Number of Questions from Physical_Chemistry is 108
Year 2019.0
Number of Questions from Physical_Chemistry is 94
Year 2020.0
Number of Questions from Physical_Chemistry is 109
Year 2021.0
Number of Questions from Physical_Chemistry is 91
Year 2022.0
Number of Questions from Physical_Chemistry is 100
Year 2023.0
Number of Questions from Physical_Chemistry is 109
Year 2050.0
Number of Questions from Physical_Chemistry is 95
**************************************************
THANK YOU FOR USING THE PROGRAM
**************************************************
```

Topicwise Physics data search

```
Enter your choice 4
**************************************************************************
Welcome to Physics_Topicwise_data of JEE from 2013-2023
**************************************************************************
 AVAILABLE TOPICS
 Mechanics
 SHM_and_Waves
 Thermodynamics
 Gravitation
 Electrodynamics
 Currrent_and_Magnetism
 Optics
 Modern_Physics
 Semi_conductors_and_logic_Gates
enter the topic whose data you want to see |
```

Entering the Topic

```
enter the topic whose data you want to see Modern_Physics
-----------------JEE_Adavanced_Data-------------------
Year 2013.0
Number of Questions from Modern_Physics is 6
Year 2014.0
Number of Questions from Modern_Physics is 3
Year 2015.0
Number of Questions from Modern_Physics is 3
Year 2016.0
Number of Questions from Modern_Physics is 6
Year 2017.0
Number of Questions from Modern_Physics is 5
Year 2018.0
Number of Questions from Modern_Physics is 5
Year 2019.0
Number of Questions from Modern_Physics is 5
Year 2020.0
Number of Questions from Modern_Physics is 7
Year 2021.0
Number of Questions from Modern_Physics is 5
Year 2022.0
Number of Questions from Modern_Physics is 5
Year 2023.0
Number of Questions from Modern_Physics is 4
-------------------JEE_Mains_Data-----------------------
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
Year 2023.0
Number of Questions from Modern_Physics is 4
**************************************************
THANK YOU FOR USING THE PROGRAM
**************************************************
```

Topicwise Maths data search

```
Enter your choice 5
***********************************************************************
Welcome to Maths_Topicwise_data of JEE from 2013-2023
***********************************************************************
 Basic_Mathematics
 Trignometry_and_Inverse_trignometry
 Sequence_and_series
 quadratic_Equations
 Complex_numbers
 Binomial_and_Permutations_and_Combinations
 Coordinate_Geometry
 Determinant_Matrices
 Relations_Functions
 Limits_Continuity_Differentiability
 AOD
 Integration
 Differential_Equations
 3D_Geometry
 Probability
enter the topic whose data you want to see
```

Entering Topic

```
enter the topic whose data you want to see Differential_Equations
-----------------JEE_Adavanced_Data---------------------
Year 2013.0
Number of Questions from Differential_Equations is 2
Year 2014.0
Number of Questions from Differential_Equations is 4
Year 2015.0
Number of Questions from Differential_Equations is 5
Year 2016.0
Number of Questions from Differential_Equations is 3
Year 2017.0
Number of Questions from Differential_Equations is 4
Year 2018.0
Number of Questions from Differential_Equations is 5
Year 2019.0
Number of Questions from Differential_Equations is 3
Year 2020.0
Number of Questions from Differential_Equations is 4
Year 2021.0
Number of Questions from Differential_Equations is 5
Year 2022.0
Number of Questions from Differential_Equations is 3
Year 2023.0
Number of Questions from Differential_Equations is 4
-------------------JEE_Mains_Data-------------------------
Year 2013.0
Number of Questions from Differential_Equations is 10
Year 2014.0
Number of Questions from Differential_Equations is 20
Year 2015.0
Number of Questions from Differential_Equations is 25
Year 2016.0
Number of Questions from Differential_Equations is 20
Year 2017.0
Number of Questions from Differential_Equations is 10
Year 2018.0
Number of Questions from Differential_Equations is 15
Year 2019.0
Number of Questions from Differential_Equations is 20
Year 2020.0
Number of Questions from Differential_Equations is 15
Year 2021.0
Number of Questions from Differential_Equations is 20
Year 2022.0
Number of Questions from Differential_Equations is 15
Year 2023.0
Number of Questions from Differential_Equations is 10
*********************************************
THANK YOU FOR USING THE PROGRAM
*********************************************
```

Topicwise Important Questions JEE Advanced data search

```
Enter your choice 6
************************************************************************************
Welcome to Topicwise_Importnat_Questions_of_JEE_Advanced of JEE from 2013-2023
************************************************************************************
Enter 1 for viewing important question of Chemistry
Enter 2 for viewing important question of Physics
Enter 3 for viewing important question of Maths
Enter your choice
```

Selecting Choice

```
Enter your choice1
Enter 1 to enter the topic whose important questions is to be searched
Enter 2 to view the complete data
Enter your choice
```

Selecting Choice

```
Enter your choice1
-----------------------------------------------------------
 AVAILABLE TOPICS
 Physical_Chemistry
 Organic_Chemistry
 Inorganic_Chemistry
Enter the topic to be searched
```

For Choice 1

Enter the topic to be searched**Physical_Chemistry**

Year 2013.0

Topic Physical_Chemistry

Question What is the concept of Gibbs free energy in physical chemistry?

Year 2020.7

Topic Physical_Chemistry

Question Describe the principles of chemical kinetics in physical chemistry.

****

THANK YOU FOR USING THE PROGRAM

****

For Choice 2

Enter your choice2

Year 2017.0

Topic Physical_Chemistry

Question which of the following isoelectronic cr+ v- K+ ca2+

Year 2013.0

Topic Physical_Chemistry

Question What is the concept of Gibbs free energy in physical chemistry?

Year 2015.5

Topic Organic_Chemistry

Question Explain the mechanism of nucleophilic substitution reactions in organic chemistry.

Year 2018.2

Topic Inorganic_Chemistry

Question What are transition metals and their role in inorganic chemistry?

Year 2020.7

Topic Physical_Chemistry

Question Describe the principles of chemical kinetics in physical chemistry.

Year 2022.3

Topic Organic_Chemistry

Question Discuss the structure and function of organic molecules in living organisms.

****

THANK YOU FOR USING THE PROGRAM

****

Topicwise Important Questions JEE Mains data search

Enter your choice 7
****
Welcome to Topicwise_Importnat_Questions_of_JEE_Mains of JEE from 2013-2023
****
Enter 1 for viewing important question of Chemistry
Enter 2 for viewing important question of Physics
Enter 3 for viewing important question of Maths
Enter your choice1

Selecting Choice

Enter 1 to enter the topic whose important questions is to be searched
Enter 2 to view the complete data
Enter your choice2

Selecting Choice

Enter your choice1

 AVAILABLE TOPICS
 Physical_Chemistry
 Organic_Chemistry
 Inorganic_Chemistry
Enter the topic to be searched

For Choice 1

Year 2015.5
Topic Organic_Chemistry
Question Discuss the mechanism of nucleophilic substitution reactions in organic chemistry.
Year 2022.3
Topic Organic_Chemistry
Question Explain the structure and function of organic molecules in living organisms.
****

THANK YOU FOR USING THE PROGRAM
****

For Choice 2

```
Enter your choice2
Year 2013.0
Topic Physical_Chemistry
Question Explain the concept of Gibbs free energy.
Year 2015.5
Topic Organic_Chemistry
Question Discuss the mechanism of nucleophilic substitution reactions in organic chemistry.
Year 2018.2
Topic Inorganic_Chemistry
Question Examine the properties of transition metals in inorganic chemistry.
Year 2020.7
Topic Physical_Chemistry
Question Describe the principles of chemical kinetics.
Year 2022.3
Topic Organic_Chemistry
Question Explain the structure and function of organic molecules in living organisms.
**************************************************

THANK YOU FOR USING THE PROGRAM
**************************************************
```

Exception Handling

```
**************************************************************
Welcome to JEE_Questions_DATA from 2013-2023
**************************************************************

For Admin enter 1
For User enter 2
Enter your choice 2
**************************************************************
Welcome User to JEE_Questions_DATA from 2013-2023
**************************************************************

enter 1 for JEE_mains_questions data
enter 2 for JEE_Advanced_questions data
enter 3 for selection of topic_wise data from chemistry
enter 4 for selection of topic_wise data from physics
enter 5 for selection of topic_wise data from maths
enter 6 for viewing important questions of JEE Advanced
enter 7 for viewing important questions of JEE Mains
Enter your choice 9
//////////////////////////////////////////////////////////////
YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS NOT AVAILABLE
PLEASE ENTER YOUR CHOICE CAREFULLY
//////////////////////////////////////////////////////////////
**************************************************
THANK YOU FOR USING THE PROGRAM
**************************************************
```

```
*******************************************************************************************
Welcome to Topicwise_Importnat_Questions_of_JEE_Advanced of JEE from 2013-2023
*******************************************************************************************

Enter 1 for viewing important question of Chemistry
Enter 2 for viewing important question of Physics
Enter 3 for viewing important question of Maths
Enter your choice4
////////////////////////////////////////////////////////////////////////////////////////////////////
YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS NOT AVAILABLE
PLEASE ENTER YOUR CHOICE CAREFULLY
////////////////////////////////////////////////////////////////////////////////////////////////////
***************************************************

THANK YOU FOR USING THE PROGRAM
***************************************************
```

```
Welcome to Maths_Topicwise_data of JEE from 2013-2023
*********************************************************************************
Basic_Mathematics
Trignometry_and_Inverse_trignometry
Sequence_and_series
quadratic_Equations
Complex_numbers
Binomial_and_Permutations_and_Combinations
Coordinate_Geometry
Determinant_Matrices
Relations_Functions
Limits_Continuity_Differentiability
AOD
Integration
Differential_Equations
3D_Geometry
Probability
enter the topic whose data you want to see Calculus
////////////////////////////////////////////////////////////////////////////////////////////////////
YOU CHOSE A WRONG OPTION OR WROTE THE WRONG TOPIC WHICH IS NOT AVAILABLE
PLEASE ENTER YOUR CHOICE CAREFULLY
////////////////////////////////////////////////////////////////////////////////////////////////////
***************************************************
THANK YOU FOR USING THE PROGRAM
***************************************************
```

```
*****************************************************************

Welcome to JEE_Questions_DATA from 2013-2023
*****************************************************************

For Admin enter 1
For User enter 2
Enter your choice 1
Enter username
admin
Enter password
passw
WRONG PASSWORD OR USERNAME
*********************************************************

THANK YOU FOR USING THE PROGRAM
*********************************************************
```

REFERENCES

1. Wikipedia
   https://www.wikipedia.org/

2. Python
   https://www.python.org/

3. MySQL
   https://www.mysql.com/

4. 11th and 12th Computer Science Arihant Books