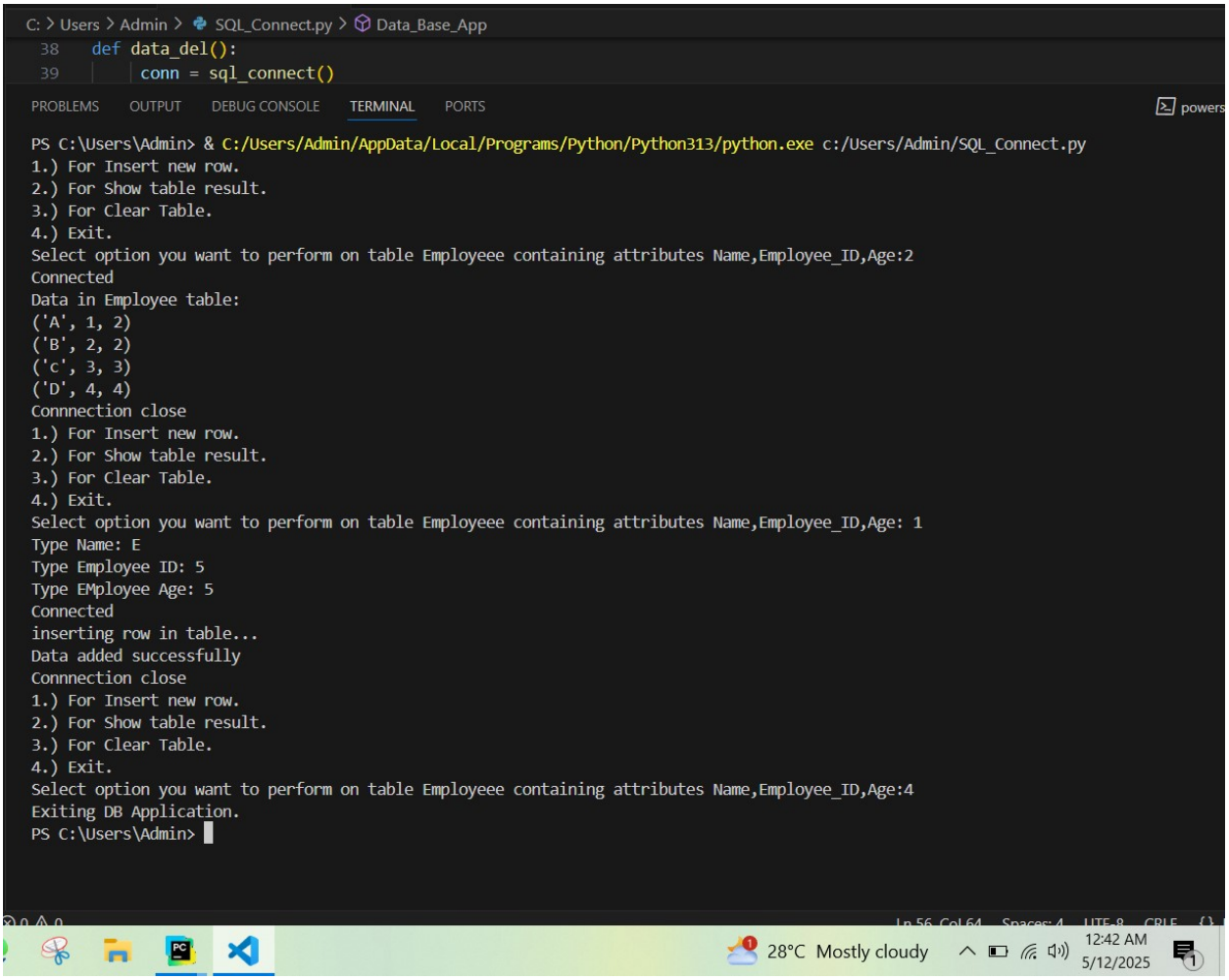
```
                                        “””CODE”””
import psycopg2
def sql_connect():
    conn =
psycopg2.connect(dbname="postgres",user="postgres",password="Anita",host="localhost",port
=5432)
    print("Connected")
    return conn

def sql_close(conn):
    conn.commit()
    conn.close()
    print("Connnection close")

def table():
    conn = sql_connect()
    cursor = conn.cursor()
    cursor.execute('''create table employee(Name text,ID int,Age int)''')
    print("Table Created Successfully")
    sql_close(conn)

def data(name,id,age):
    conn = sql_connect()

    cursor =conn.cursor()
    print("inserting row in table...")
    cursor.execute('''insert into employee(name,ID,Age)
values(%s,%s,%s);''',(name,id,age))
    print("Data added successfully")
    sql_close(conn)

def data_query():
    conn = sql_connect()
    cursor = conn.cursor()
    print("Data in Employee table:")
    cursor.execute('''select * from employee;''')
    all_data = cursor.fetchall()
    for i in all_data:
        print(i)
    sql_close(conn)

def data_del():
     conn = sql_connect()
     cursor = conn.cursor()
     print("Deleting all rows in table...")
     cursor.execute('''delete from employee;''')
     sql_close(conn)

def Data_Base_App():
    Db_run=True
    while Db_run==True:
```

```
            print("1.) For Insert new row.")
            print("2.) For Show table result.")
            print("3.) For Clear Table.")
            print("4.) Exit.")
            try:
                user_in = int(input("Select option you want to perform on table Employeee
containing attributes Name,Employee_ID,Age:"))
                Db_run=functionality(user_in)
            except Exception:
                print("Something went wrong please try again.")


def functionality(user_in):
    match user_in:
        case 1:
            name = input("Type Name: ")
            while True:
                    try:
                        id  = int(input("Type Employee ID: "))
                        break
                    except Exception:
                        print("Invalid Employee ID try again.")
            while True:
                    try:
                        age = int(input("Type EMployee Age: "))
                        break
                    except Exception:
                        print("Invalid EMployee Age try again:")
            data(name,id,age)
            Db_run=True
        case 2:
            data_query()
            Db_run=True
        case 3:
            data_del()
            Db_run=True
        case 4:
            Db_run=False
            print("Exiting DB Application.")
    return Db_run


Data_Base_App()
```

Output


C: > Users > Admin > SQL_Connect.py > Data_Base_App
38 def data_del():
39 conn = sql_connect()
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\Admin> & C:/Users/Admin/AppData/Local/Programs/Python/Python313/python.exe c:/Users/Admin/SQL_Connect.py
1.) For Insert new row.
2.) For Show table result.
3.) For Clear Table.
4.) Exit.
Select option you want to perform on table Employeee containing attributes Name,Employee_ID,Age:2
Connected
Data in Employee table:
('A', 1, 2)
('B', 2, 2)
('c', 3, 3)
('D', 4, 4)
Connnection close
1.) For Insert new row.
2.) For Show table result.
3.) For Clear Table.
4.) Exit.
Select option you want to perform on table Employeee containing attributes Name,Employee_ID,Age: 1
Type Name: E
Type Employee ID: 5
Type EMployee Age: 5
Connected
inserting row in table...
Data added successfully
Connnection close
1.) For Insert new row.
2.) For Show table result.
3.) For Clear Table.
4.) Exit.
Select option you want to perform on table Employeee containing attributes Name,Employee_ID,Age:4
Exiting DB Application.
PS C:\Users\Admin>
28°C Mostly cloudy
12:42 AM
5/12/2025