Assignment :

Data Base connectivity

import mysql.connector

conn=mysql.connector.connect(host='localhost',username='root',password='Aishwarya@123',database='Bank')

my\_curr=conn.cursor()

'''try:

    dbs = my\_curr.execute("show databases")

except:

    conn.rollback()

for x in my\_curr:

    print(x)  '''

print("Enter \n1-insert in table \n2-Select \n3-update \n4-Delete \n")

case=int(input())

if(case==1):

    val=int(input("Enter 1- for customer 2-account and 3-Brach - "))

    if(val==1):

        sql="insert into customer values(%s,%s,%s,%s,%s)"

        val=(123,"Monika","Jule Solapur",12345,"7367361819")

        try:

            my\_curr.execute(sql,val)

            conn.commit()

        except:

            conn.rollback()

        print(my\_curr.rowcount,"record inserted!")

    elif(val==2):

        sql="insert into account values(%s,%s,%s,%s)"

        val=("3624449",838,167,700000)

        try:

            my\_curr.execute(sql,val)

            conn.commit()

        except:

            conn.rollback()

    else:

        sql="insert into Branch values(%s,%s,%s)"

        val=(167,"Jule Solpur","Jule\_solapur")

        try:

            my\_curr.execute(sql,val)

            conn.commit()

        except:

            conn.rollback()

elif(case==2):

    val=int(input("Enter 1- for customer 2-account and 3-Brach - "))

    if(val==1):

        try:

            my\_curr.execute("select \* from customer")

            result = my\_curr.fetchall()

            for x in result:

                print(x);

        except:

            conn.rollback()

    elif(val==2):

        try:

            my\_curr.execute("select \* from account")

            result = my\_curr.fetchall()

            for x in result:

                print(x);

        except:

            conn.rollback()

    else:

        try:

            my\_curr.execute("select \* from branch")

            result = my\_curr.fetchall()

            for x in result:

                print(x);

        except:

            conn.rollback()

elif(case==3):

    val=int(input("Enter 1- for customer 2-account and 3-Brach - "))

    if(val==1):

        try:

            sql = '''UPDATE customer SET C\_add = C\_add + "sol" WHERE C\_id = 123 '''

            my\_curr.execute(sql)

            conn.commit()

        except:

            conn.rollback()

    elif(val==2):

        try:

            sql = '''UPDATE account SET amount= amount + 200 WHERE acc\_no= "3624449" '''

            my\_curr.execute(sql)

            conn.commit()

        except:

            conn.rollback()

    else:

        try:

            sql = '''UPDATE branch SET (B\_name=" tu"+str(B\_name))  WHERE B\_id= 167 '''

            my\_curr.execute(sql)

            conn.commit()

        except:

            conn.rollback()

elif(case==4):

    val=int(input("Enter 1- for customer 2-account and 3-Brach - "))

    if(val==1):

        try:

            sql = "DELETE FROM customer WHERE C\_id = '%d'" % (123)

            my\_curr.execute(sql)

            conn.commit()

        except:

            conn.rollback()

    elif(val==2):

        try:

            sql = "DELETE FROM account WHERE acc\_no = '%s'" % ("3624449")

            my\_curr.execute(sql)

            conn.commit()

        except:

            conn.rollback()

    else:

        try:

            sql = "DELETE FROM branch WHERE B\_id = '%d'" % (167)

            my\_curr.execute(sql)

            conn.commit()

        except:

            conn.rollback()

conn.close()