**‘‘‘ python-sql connectivity’’’**

**‘‘‘program 1’’’**

import mysql.connector

mydb = mysql.connector.connect(

*host* = "localhost",

*user* = "root",

*password* = "tapubrat56300\*"

    )

mycursor = mydb.cursor()

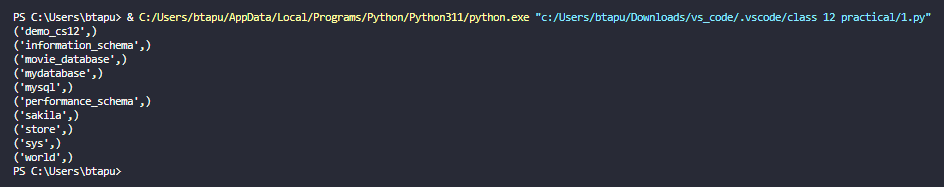
mycursor.execute("CREATE DATABASE STORE")

mycursor.execute("SHOW DATABASES")

for x in mycursor:

  print(x)

mydb.close()



‘‘‘program 2’’’

import mysql.connector

mydb = mysql.connector.connect(

*host* = "localhost",

*user* = "root",

*password* = "tapubrat56300\*",

*database*="STORE"

    )

mycursor = mydb.cursor()

mycursor= mydb.cursor()

mycursor.execute("CREATE TABLE PRODUCTS (P\_name VARCHAR(50),CATEGORY VARCHAR(50),PRICE INT,DISCOUNT FLOAT)")

print("table created")

mydb.commit()

mydb.close()



‘‘‘program 3’’’

import mysql.connector

mydb = mysql.connector.connect(

*host*="localhost",

*user*="root",

*password*="tapubrat56300\*",

*database*="STORE"

)

mycursor = mydb.cursor()

while True:

    p\_name=input("enter product name ")

    ctrgy=input("enter the category of the product ")

    pri=int(input("enter the price "))

    dis=float(input("enter the discount allowed "))

    sql = "INSERT INTO PRODUCTS (P\_name, category,price,discount) VALUES (%s, %s,%s,%s)"

    val = (p\_name , ctrgy, pri, dis)

    mycursor.execute(sql, val)

    mydb.commit()

    print(mycursor.rowcount, "data inserted")

    more=input("do you  want to input more data to your table(y/n): ")

    if more.lower()=="y":

        continue

    elif more.lower()=="n":

        break

    else:

        print("invalid choice")

        break

mycursor = mydb.cursor()

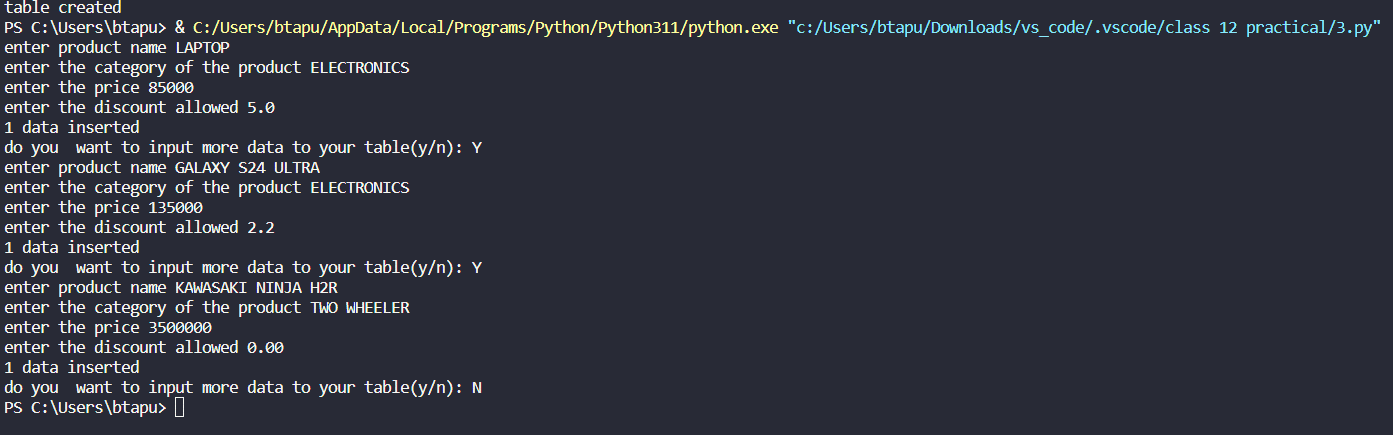
mycursor.execute("SELECT \* FROM PRODUCTS")

myresult = mycursor.fetchall()

for x in myresult:

  print(x)

mydb.close()



‘‘‘program 4’’’

import mysql.connector

mydb = mysql.connector.connect(

*host* = "localhost",

*user* = "root",

*password* = "tapubrat56300\*",

*database*="STORE"

    )

mycursor = mydb.cursor()

qry="update products set price=price\*1.1 where p\_name like '%a%' "

mycursor.execute(qry)

updated\_records=mycursor.rowcount

mydb.commit()

print(f"{0} records updated",(updated\_records))

mycursor.execute("SELECT \* FROM PRODUCTS")

myresult = mycursor.fetchall()

for x in myresult:

  print(x)

mydb.close()

