

**AIM:- Write a program which provide functionalities to stores user inputted students' data (like Enrollment No., Name, Password, Age, Email etc...) , delete student data, update student date, search student data & display it by retrieving from MySQL database.**

➤ **Code:**

```
#by kishan patel
print("Kishan Patel - 17012021036 ")
import MySQLdb
import mysql.connector
cnx = mysql.connector.connect(user='root', passwd="", host='127.0.0.1')
cur=cnx.cursor()
try:
    cur.execute("create database ")
except:
    print("Database allrady exist")
#prepare a cursor object using cursor() method
db = MySQLdb.connect("127.0.0.1","root","","student" )
cur = db.cursor()
sql = "CREATE TABLE data(Name char(20),Enroll int,Age int ,Gmail
char(30),Password char(30))"
try:
    cur.execute(sql)
    print("table created successfully")
except :
    print("table is allrady exist")
#cur.execute("drop table std")
db.close()
db = MySQLdb.connect("127.0.0.1","root","","student" )
cur = db.cursor()
ch="y"
while(ch=="y"):
    n=input("
press 1 for insert
press 2 for delete
press 3 for search and update
```

```
press 4 for display \n"")
if(n=="1"):
    nm=input("Enter name:")
    er=input("Enter EnRoll:")
    ag=input("Enter Age:")
    gm=input("Enter Gmail:")
    ps=input("Enter Password:")
    try:
        x=" insert into data(Name,Enroll,Age,Gmail>Password)
values(%s,%s,%s,%s,%s) "
        y=(nm,er,ag,gm,ps)
        cur.execute(x,y)
        db.commit()
        print(" data inserted successfully")
    except :
        print("data not inserted")
if(n=="4"):
    try:
        sql = "select * from data "

        cur.execute(sql)
        result = cur.fetchall()
        print ("\nName\tEnroll \tAge \tGmail \tPassword")
        for row in result:
            nam = row[0]
            enr = row[1]
            age = row[2]
            gm = row[3]
            pas = row[4]

            print ("%s\t%s\t\t%s\t\t%s\t\t%s"%(nam,enr,age,gm,pas))
        print(" data display successfully")
    except :
        print("data not display")
if(n=="2"):
    en=input("Enter Enrollment No. Of Student: ")
    try:
        sql = "delete from data where Enroll=%s "
```

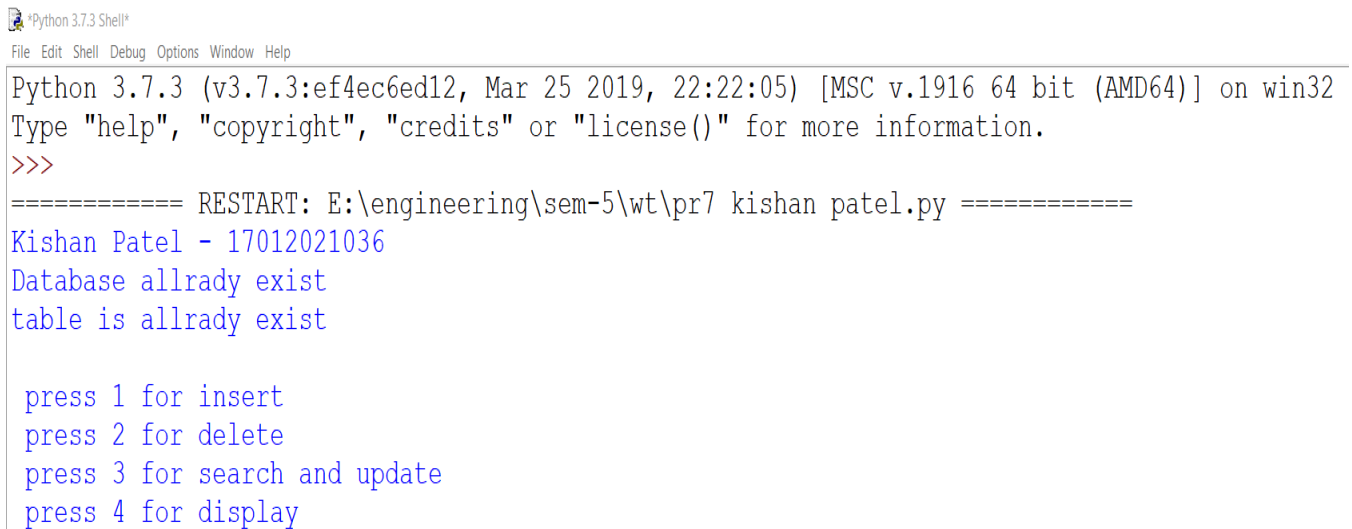
```
y=(en,)
cur.execute(sql,y)
db.commit()
print("data successfully deleted")
except:
    print("Data not deleted")
#code by kishan patel 5th IT
if(n=="3"):
    en=input("Enter Enrollment No. Of Student: ")
    try:
        sql = "select * from data where Enroll=%s "
        y=(en,)
        cur.execute(sql,y)
        result = cur.fetchall()
        print ("\nName\t Enroll  Age  Gmial Password")
        for row in result:
            nam = row[0]
            enr = row[1]
            age = row[2]
            gm = row[3]
            pas = row[4]
            print ("%s\t%d\t%d\t%s\t%s"%(nam,enr,age,gm,pas))
        print("for update Enter new Data:")
        print("data successfully Loaded")
        nm=input("Enter name:")
        ag=input("Enter Age:")
        gm=input("Enter Gmail:")
        ps=input("Enter Password:")
        try:
            x=" update data set Name=%s,Age=%s,Gmail=%s>Password=%s
where Enroll=%s "
            y=(nm,ag,gm,ps,en)
            cur.execute(x,y)
            db.commit()
            print(" data inserted successfully")
        except :
            print("data not inserted")
    except:
```

```
print("Data not loaded")
```

```
ch=input("press 'y' to countinue: ")
```

```
db.close()
```

➤ **Output :**



```
Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 22:22:05) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:\engineering\sem-5\wt\pr7 kishan patel.py =====
Kishan Patel - 17012021036
Database allrady exist
table is allrady exist

press 1 for insert
press 2 for delete
press 3 for search and update
press 4 for display
```

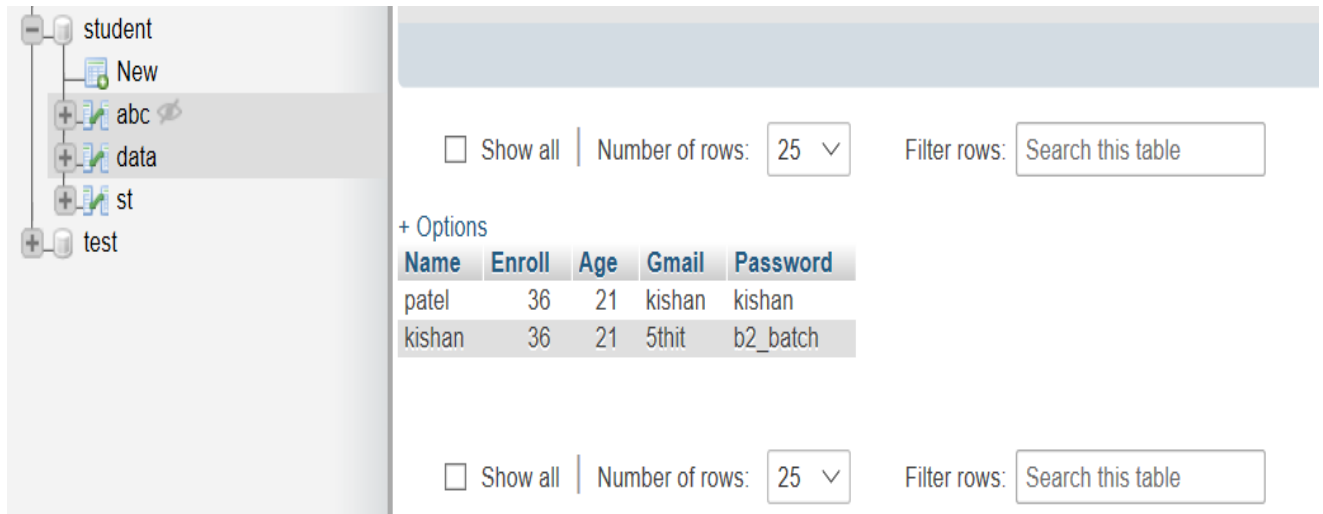
```
=====  
===== RESTART: E:\engineering\sem-5\wt\pr7 kishan patel.py  
Kishan Patel - 17012021036  
Database allrady exist  
table is allrady exist  
  
press 1 for insert  
press 2 for delete  
press 3 for search and update  
press 4 for display  
1  
Enter name:kishan  
Enter EnRoll:36  
Enter Age:20  
Enter Gmail:kdpatel@123.com  
Enter Password:5thIT  
data inserted successfully  
press 'y' to countinue: y  
  
press 1 for insert  
press 2 for delete  
press 3 for search and update  
press 4 for display  
4  
  
Name      Enroll      Age      Gmial      Password  
kishan    36              20      kdpatel@123.com      5thIT  
data display successfully  
press 'y' to countinue:
```

```
>>>
===== RESTART: E:\engineering\sem-5\wt\pr7 kishan
Kishan Patel - 17012021036
Database allrady exist
table is allrady exist

press 1 for insert
press 2 for delete
press 3 for search and update
press 4 for display
2
Enter Enrollment No. Of Student: 36
data successfully deleted
press 'y' to countinue: y

press 1 for insert
press 2 for delete
press 3 for search and update
press 4 for display
4

Name      Enroll      Age      Gmial      Password
data display successfuly
press 'y' to countinue: |
```



student

- New
- abc
- data
- st
- test

☐ Show all | Number of rows: 25 ▾ | Filter rows: Search this table

+ Options

Name	Enroll	Age	Gmail	Password
patel	36	21	kishan	kishan
kishan	36	21	5thit	b2_batch

☐ Show all | Number of rows: 25 ▾ | Filter rows: Search this table