

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 SQLite database.

➤ **Code:**

```
import sqlite3
print("Kishan Patel - 17012021036 ")
print("Press 1 for insert")
print("Press 2 for Display")
ch=input("Enter your choice ")
if(ch=="1"):
    n=int(input("Enter number of student : "))
    tn=input("Enter table name : ")
    for i in range(n):
        str=""
        en=input("Enter Enrollment of %d student :"%(i+1))
        nm=input("Enter Name of %d student :"%(i+1))
        ag=input("Enter Age of %d student :"%(i+1))
        em=input("Enter Email of %d student :"%(i+1))
        conn = sqlite3.connect('student.db')
        c = conn.cursor()
        try :
            s="CREATE TABLE "+tn+" (Enrollment,Name,Age,Email)"
            print(s)
            c.execute(s)

        except :
            print("Table allrady created ")

        y="INSERT INTO "+tn+" VALUES ('"+en+"','"+nm+"','"+ag+"','"+em+"')"
        print(y)
        c.execute(y)
        conn.commit()
        conn.close()
    elif(ch=="2"):
```

```
print(" ----- Display data here -----")

tn=input("Enter table name from you want retive data : ")
conn = sqlite3.connect('student.db')
c = conn.cursor()
try :
    s= "SELECT * FROM "+tn+" "
    #print(s)
    c.execute(s)
    # rows = c.fetchall()
    for row in c:
        print("-----")
        print("|   Enrollment :",row[0])
        print("|       Name :",row[1])
        print("|       Age :",row[2])
        print("|       Gmial:",row[3])

except :
    print("Table Not exists ")

conn.commit()
conn.close()
else :
    print("Enter valid choice")
```

➤ **Output :**

```
Kishan Patel - 17012021036
Press 1 for insert
Press 2 for Display
Enter your choice 2
----- Display data here -----
Enter table name from you want retive data : kishan_patel
-----
|      Enrollment : 36
|          Name : kishan patel
|          Age : 20
|      Gmial: kdpatel@gmail.com
|-----
|      Enrollment : 36
|          Name : kd
|          Age : 22
|      Gmial: pk814013@gmail.com
|-----
|      Enrollment : 36
|          Name : kp
|          Age : 21
|      Gmial: abc@123.com
|-----
|      Enrollment : 36
|          Name : kdp
|          Age : 21
|      Gmial: kdking@.com
```

```
Kishan Patel - 17012021036
Press 1 for insert
Press 2 for Display
Enter your choice 1
Enter number of student : 1
Enter table name : kd
Enter Enrollment of 1 student :17012021036
Enter Name of 1 student :kishan patel
Enter Age of 1 student :20
Enter Email of 1 student :kdpatel@gmail.com
CREATE TABLE kd (Enrollment,Name,Age,Email)
Table allrady created
INSERT INTO kd VALUES ('17012021036','kishan patel','20','kdpatel@gmail.com')
```