**INTERFACING PYTHON WITH MYSQL TABLE STUDENT**

**QUESTION**:

Implement Python- Mysql Connectivity to do the following on student table:

1.Add student details(Rollno, Name, Class, Marks)

2.Update student marks for a selected rollno

3. Delete student details of a selected rollno

4. View student details

**CODE**:

import mysql.connector as sql

db = sql.connect(host="localhost", user="root", password="00b", database="amrith")

cursor = db.cursor()

while True:

choice = int(input('1. Add student details (rollno, name, class marks)\n2. Update student marks for a selected rollno\n3. Delete student details of a selected rollno\n4. View student details\n5. Exit\nChoose an option :'))

if choice == 1:

rollno = int(input('Enter Roll No.: '))

name = input('Enter Name:')

\_class = input('Enter Class:')

marks = int(input('Enter Marks:'))

cursor.execute('insert into student values(%s, %s, %s, %s)', (rollno, name, \_class, marks))

cursor.execute

db.commit()

elif choice == 2:

rollno = int(input('Enter Roll No.: '))

marks = int(input('Enter Marks:'))

cursor.execute('update student set marks = %s where rollno = %s', (marks, rollno))

db.commit()

elif choice == 3:

rollno = int(input('Enter Roll No.:'))

cursor.execute('delete from student where rollno = %s', (rollno,))

db.commit()

elif choice == 4:

cursor.execute('select \* from student')

data = cursor.fetchall()

for i in data:

print(i)

elif choice == 5:

break

**OUTPUT**:

1. Add student details (rollno, name, class marks)

2. Update student marks for a selected rollno

3. Delete student details of a selected rollno

4. View student details

5. Exit

Choose an option :1

Enter Roll No.: 6

Enter Name:Amrith

Enter Class:A

Enter Marks:500

1. Add student details (rollno, name, class marks)

2. Update student marks for a selected rollno

3. Delete student details of a selected rollno

4. View student details

5. Exit

Choose an option :2

Enter Roll No.: 6

Enter Marks:400

1. Add student details (rollno, name, class marks)

2. Update student marks for a selected rollno

3. Delete student details of a selected rollno

4. View student details

5. Exit

Choose an option :3

Enter Roll No.:3

1. Add student details (rollno, name, class marks)

2. Update student marks for a selected rollno

3. Delete student details of a selected rollno

4. View student details

5. Exit

Choose an option :4

(6, 'Amrith', A, 500)