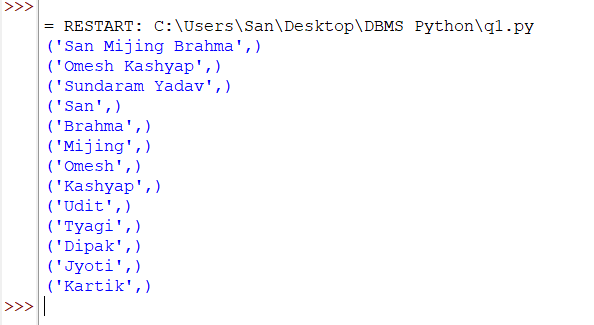
**Execute queries through a high-level language(Python) using ODBC connection**

Retrieve names of students enrolled in any society.

* 1. Code:-

**import mysql.connector as m**   
**mydb =m.connect(host="localhost",user="root",**   
**password="RiyaGarg@sql",database="student")**   
**mycursor = mydb.cursor()**   
**mycursor.execute("select studentName from student")**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-



Retrieve all society names.

* 1. Code:-

**import mysql.connector as m**   
**mydb = m.connect(host="localhost",user="root",**   
**password="RiyaGarg@sql",database="student")**   
**mycursor = mydb.cursor()**   
**mycursor.execute("select socName from society")**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-

Retrieve students' names starting with letter ‘S’.

* 1. Code:-

**import mysql.connector as m**   
**mydb = m.connect(host="localhost",user="root",**   
**password="RiyaGarg@sql",database="student")**   
**mycursor = mydb.cursor()**   
**mycursor.execute("select studentName from student where studentName like 'S%'")**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-

Retrieve students' details studying in courses ‘DAA’ or ‘CN’.

* 1. Code:-

**import mysql.connector as m**   
**mydb = m.connect(host="localhost",user="root",**   
**password="RiyaGarg@sql",database="student")**   
**mycursor = mydb.cursor()**   
**sql= "select \* from student where (course = %s or course = %s)"**   
**course = ("CN","DAA")**   
**mycursor.execute(sql,course)**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-

Retrieve students’ names whose roll no either starts with ‘B’ or ‘Z’ and ends with ‘1’

* 1. Code:-

**import mysql.connector as m**   
**mydb = m.connect(host="localhost",user="root",**   
**password="RiyaGarg@sql",database="student")**   
**mycursor = mydb.cursor()**   
**sql = "select studentName from student where (RollNo like 'B%1' or RollNo like 'B%9')"**   
**mycursor.execute(sql)**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-

Find society details with more than N TotalSeats where N is to be input by the user .

* 1. Code:-

**import mysql.connector as m**   
**mydb = m.connect(host="localhost",user="root",**   
**password="RiyaGarg@sql",database="student")**   
**mycursor = mydb.cursor()**   
**sql = "select \* from society where totalSeats > %s"**   
**seats = (10,)**   
**mycursor.execute(sql,seats)**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-

Update society table for mentor name of a specific society

* 1. Code:-

**import mysql.connector as m**   
**mydb = m.connect(host="localhost",user="root"**   
**password="RiyaGarg@sql",database="student")**   
**mycursor = mydb.cursor()**   
**sql= "UPDATE society set mentorName = 'San' where socID = '1'"**   
**mycursor.execute(sql)**   
**mycursor.execute("Select \* from society where socID ='1'")**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-

Find society names in which more than five students have enrolled.

* 1. Code:-

**import mysql.connector as m**   
**mydb = m.connect(host="localhost",user="root",**   
**password="RiyaGarg@sql",database="studentmycursor = mydb.cursor()**   
**sql = "select society.socName from society join enrollment on society.socID = \**   
 **enrollment.socId group by society.socID, \**   
 **society.socName having count(enrollment.RollNo)>2"**   
**mycursor.execute(sql)**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-

Find the name of youngest student enrolled in society ‘NSS’.

* 1. Code:-

**import mysql.connector as m**   
**mydb = m.connect(host="localhost",user="root",**   
**password="RiyaGarg@sql",database="student")**   
**mycursor = mydb.cursor()**   
**sql= "select studentName from student s join enrollment e on s.RollNo = e.RollNo \**   
 **join society soc on soc.socID = e.socId where socName = 'Illuminati' \**   
 **order by s.dob desc limit 1;"**   
**mycursor.execute(sql)**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-

Find the name of most popular society (on the basis of enrolled students)

* 1. Code:-

**import mysql.connector as m**   
**mydb = m.connect(host="localhost",user="root",**   
**password="RiyaGarg@sql",database="student")**   
**mycursor = mydb.cursor()**   
**sql ="select socName from society s join enrollment e on s.socID = e.socId \**   
 **group by s.socID, s.socName order by count(e.RollNo) desc limit 1"**   
**mycursor.execute(sql)**   
**for i in mycursor:**   
 **print(i)**

* 1. Output:-