**Exp. No:23**

**Date:**

**DATABASECONNECTIVITYUSING PYTHON AND MYSQL**

**AIM:**

To connect the MySQL using PYTHON and to execute the CREATE, INSERT, DELETE, UPDATE and SELECT commandsin MySQL.

**OUTPUT:**

**Create a table :**

classroom1 Table created successfully

MySQL connection is closed

**Insert the values:**

4 Record inserted successfully into classroom table

Total number of rows in table: 4

Printing each row

Course\_ID= CSA0501

Course\_Name= DBMS

Classroom\_No = 311

Total\_Students = 40

Floor\_No = 3

Course\_ID= CSA0502

Course\_Name= DBMS

Classroom\_No = 312

Total\_Students = 40

Floor\_No = 3

Course\_ID= CSA0503

Course\_Name= DBMS

Classroom\_No = 313

Total\_Students = 40

Floor\_No = 3

Course\_ID= CSA0504

Course\_Name= DBMS

Classroom\_No = 314

Total\_Students = 40

Floor\_No = 3

MySQL connection is closed

**Update the value:**

After updating a record

[('CSA0501', 'DBMS', 301, 40, 3), ('CSA0502', 'DBMS', 312, 40, 3), ('CSA0503', 'DBMS', 313, 40, 3), ('CSA0504', 'DBMS', 314, 40, 3), ('CSA0505', 'DBMS', 315, 40, 3), ('CSA0506', 'DBMS', 316, 40, 3)]

Total number of rows in table: 6

MySQL connection is closed

**Delete the record :**

Number of rows deleted 1

[('CSA0501', 'DBMS', 301, 40, 3), ('CSA0502', 'DBMS', 312, 40, 3), ('CSA0503', 'DBMS', 313, 40, 3), ('CSA0504', 'DBMS', 314, 40, 3), ('CSA0505', 'DBMS', 315, 40, 3)]

Total number of rows in table: 5

MySQL connection is closed

**RESULT:**

Thus the MySQLis connected using Python and executed the CREATE, INSERT, DELETE, UPDATE and SELECT commandsin MySQL.