Rupesh Dharome Roll No. 31124	
Assignement -8 Page No. Date	
Title: Database Connectivity	
Problem statement: White a program to implement Mysql dotabox connectivity with any fronto language to implement dotabox navig operations (add, delete, edit, etc)	2d
Objective: - To insent a pecond in Mysql date wring Java Php / python To update a pecond in Mysql da wring Java Php Python To delete a pecond in Mysql da wring Java Php Python wring Java Php Python SIW and HIW pequipement: -	tabox
Mysøl opacle, Windows - 10, 10 8 GB RAM, 5/2GB SSD.	54 bit,
The following are the steps to conner python application to Mysgl databe. 1. Import. Mysgl connector module. 2. Create the connection abject. 3. Create the Curson object. 4. Execute the query.	026
Coenting connection &	
Connect () Method of mysgl Connect () madule is used.	necton
	1.40

31124

pass the databox details like Hostname usename, password and the databox to be used the method neteros a Connection object

appearing cusson objects :-

The cosson objection can be defined as an absorboation specified in python db-qpi 2.0.

It facilitates us to have multiple septonte working environments through the same connection to the detabase we can oncte the cusson object by calling the cusson () function of connection object.

The cusson object is an important as pert of executing queries to the databox.

Executing Sgl commands of CRUD operations:

To perstoom sql commands on a databax from python application simply pass the query to exerte () function of cuson object

* Note: - Close the dotabox Connection to disconnect from databox by Calling close () function of connection object

Conclusion &

Connectivity using python and performed cirub aperations on the Mysgl database.

```
Select MvSQL 8.0 Command Line Client - Unicode
mysql> use assignment08;
Database changed
mysql> create table Student(
    -> Name Varchar(20),
    -> Roll_No int,
    -> Primary key(Roll_No)
Query OK, 0 rows affected (0.07 sec)
mysql> desc Student;
  Field
          | Type
                          | Null | Key | Default | Extra
            varchar(20)
  Name
                           YES
                                         NULL
  Roll_No | int
                           NO
                                   PRI | NULL
 rows in set (0.03 sec)
mysql> insert into Student values
           ('Rupesh', 31124),
           ('Omkar', 31126),
          ('Gayatri', 31127);
Query OK, 3 rows affected (0.02 sec)
Records: 3 Duplicates: 0 Warnings: 0
mysql> select * from Student;
            Roll_No
  Name
               31124
  Rupesh
 Omkar
               31126
               31127
  Gayatri
 rows in set (0.01 sec)
                                                                                           🌙 21°C Clear 🔨 🦟 🖭 ወ) 😻 ENG 11:27 PM 📃
```

```
Python
PS C:\Users\HP\Rupesh\PICT\TE SEM 1\DBS Lab\Assignment 08> python 31124_Rupesh_Dharme_DB
What to perform?
1. Create (Insert)
2. Read (Select)
Update (Update)
4. Delete (Delete)
5. Exit
Roll_No Name
Rupesh 31124
Omkar 31126
Gayatri 31127
read!
What to perform?
1. Create (Insert)
2. Read (Select)
Update (Update)
4. Delete (Delete)
5. Exit
Enter Roll no: 31129
Enter name: Dheeraj
inserted!
What to perform?

    Create (Insert)

2. Read (Select)
Update (Update)
4. Delete (Delete)
5. Exit
2
Roll_No Name
Rupesh 31124
```

Python What to perform? 1. Create (Insert) 2. Read (Select) Update (Update) 4. Delete (Delete) 5. Exit Roll_No Name Rupesh 31124 Omkar 31126 Gayatri 31127 Dheeraj 31129 read! What to perform? Create (Insert) 2. Read (Select) Update (Update) 4. Delete (Delete) 5. Exit Enter Roll no: 31129 Enter name: Nikhil updated! What to perform? Create (Insert) 2. Read (Select) Update (Update) 4. Delete (Delete) 5. Exit 2 Roll_No Name Rupesh 31124

Python What to perform? 1. Create (Insert) 2. Read (Select) Update (Update) 4. Delete (Delete) 5. Exit Roll_No Name Rupesh 31124 Omkar 31126 Gayatri 31127 Nikhil 31129 read! What to perform? Create (Insert) 2. Read (Select) Update (Update) 4. Delete (Delete) 5. Exit Enter Roll no: 31129 deleted! What to perform? Create (Insert) 2. Read (Select) Update (Update) 4. Delete (Delete) 5. Exit 2 Roll_No Name Rupesh 31124 Omkar 31126

```
Python

    Create (Insert)

2. Read (Select)
Update (Update)
4. Delete (Delete)
5. Exit
Enter Roll no: 31129
deleted!
What to perform?

    Create (Insert)

2. Read (Select)
Update (Update)
4. Delete (Delete)
5. Exit
2
Roll_No Name
Rupesh 31124
Omkar 31126
Gayatri 31127
read!
What to perform?

    Create (Insert)

2. Read (Select)
Update (Update)
4. Delete (Delete)
5. Exit
PS C:\Users\HP\Rupesh\PICT\TE SEM 1\DBS Lab\Assignment 08>
```