19.45QL Connections import mysgel. connector come = mysql. connecter. connect (use = 1000t, password) the creeking a cursor object using the cursors). cursor = conn. cursor () # Executing on MYSQL function using the executed cursor. execute ('SELECT DATABASE()") # fetch a single row using fetchone. () method. data = cureor. fetchone () print (1 Connection established to: ", dasa) # Obsing the connection.

com.close()

You com also establish connection to Mysol by passing credentials (user name, password, hastname and database name) to connection. Mycal Commection) as shown below o from mysql. connector impost (connection) It establishing the connection com = connection. My rol Correction (user = 1 root), password = 1 password, database = 'myde It closing the connection. com.close() Creating MySOL table using Python # importing acquired libraries impost mysql connector 12 100 dataBase = my ogl. commectors. commect (host = 'localhost' user= luser! Curdenty MCSE password = 'password', dalabase = 1989' () Herrosas. 2 da Stabab cursosObject - dalabase, cursos() StudentRecord = "" CREATE TABLE STUDENT (NAME VARCHAR (20) NOT NULLS BRANCH VARCHAR(50), ROLL & INT NOT NULL, SELTION VARCHAR (5) AGE INT AZONDOS OF Hable created. cursosobject. execute (student Record). #discornecting from source. dataBase. close (1

```
Insert Data Porto Tables
# imposting suguired libraries.
 import mysql. connector
 database = mysql. connector. connect (
  host = 'localhost'
  user = (user)
  password 2 (password),
  database 2 19fg1,
It preparing a cursor object.
  cursos Object = dataBase. cursos ()
 391 = "INSER INTO STUDENT (NAME, BRANCH,
           ROLL, SECTION, AGE) VALUES (1.8, 18,
           1.5,1.5,1.5)4
ral = ("Ramon", "CSE", 485", 485", 4894)
 cursos Object. execute (sql, val)
 LasaBase, commit()
# disconnecting from server,
dalabase · close ()
 tetching Dada Dada
   impost mysql. connectors
  dataBase = onysql. connector comme of C
   host = 'localhost'
   nser = (nser)
   password = "password y
   dalabase = 1 g.fg)
```

cursosobyject = database.cursor() query = ISELE (T NAME, ROLL FROM STUDENT! cursorobject. execute (query) ongresselt = cursosObject. fetchall() for n in mysiesult
posint (n) currently it = data Sase. chraBase, close() WH Where Clause. awar Object. execute (query impost onysque connector database = mysql. connector. commect host = 1 localhost! mesz (mes, dosaborse closely passwd = 1 password 1, database = 19 fg/ cursorObject-curso = classibase-cursor() query = " SELECT & FROM STUDENT where ACKE, cursor Object. execute (query) mysiesult 2 Cevrsor Object. Letchall() for n in mysiesult: point (n) dataBaseclose() LEWALTER = SHARM

```
Order By clause in Mysol way Python
dataBase = mysql. commector.commect (
host = 'clocalhost'.
 host = 'clocalhost',
                             Descript - Division
 user = 1 rootl,
 bassmary = / bassmary,
                            acondra injection
 database = priya!)
                               (Destrolet)
 cursorObject = dataBase.cursor()
 query = "SELECT & FROM STUDENT ORDER BY DESC"
 ausor Object. execute (query)
  myresult = curserObject. fetchall()
  for a in mysesult;
point (n)
   database closely
   commit—) It is Bused to set the changes
        torn database.
Update Data 100
  detabage = mysql. connector connect (
   host = localhost', pour de de la secono
   password 2 password,
  database = (priya!)
   cursor Object = dataBase .. cursor ()
  query = (IUPDATE STUDENT SET ALE = 20 WHERE
                         NAME = ( SHYAM!"
   cursor bject execute (query)
   data Base. commit ()
   database. close ()
```

```
Delete Data foron MySQL table using Python.
 De dalabase = mysql. commecter, commect
 host = clocalhost',
 user = 'root',
password = password',
dalaBase (priya)
 cursor Object = dataBase.cursor ()
 query = DELETE FROM STUDENT where age = 215
 cursosobject. execute (query)
 a dataBase. commit()
  dataBase . close()
Drop Table in Mysal using Python
dataBase = mysql. connector. connect (
host = Socalhost
user = (roof),
password = (password),
database = 'provya')
cursos Object = dataBase - cursos ()
mery = DROP TABLE STUDENT,
aursorobject. execute (query)
database.commit()
dataBase close)
```

"hacely is portonera" \- long

```
impost myex. connector
     conn= mysql. commector. commed (host = blocalhost)
          database = 1 python-ab',
          password = pessword!)
      conn. auto cominit = False
     Cursor = com, cursor ()
     sql-update-query= 444 Update account A set
            balance = 1000 where id= I " "4
    cursos. execute (sql - update -query)
    39l-update- query = " "Update account B set
           balance = 1500 where id = 2 4 4 4
     cursor execute (sql-update-query)
     porint ("Record Opelated success fully")
     conn. commit ()
except mysql. connector. Error as error,
     point ("Failed to upelate record to database
        vollback: { ? ". format (coror))
     com. rollback()
finally;
    if comorcis_connected ():
          cursos, close ()
          conn. close ()
          point (4 connection is dosedu)
```