```
TO CONNECT A DATABASE WITH
                                          passwd="1234",
PYTHON
                                           # we have to specify now the
                                       database we work on
                                          database='tdb'
import pymysql
db = pymysql.connect(
                                      mycursor = db.cursor()
    host="localhost",
                                      mycursor.execute("CREATE TABLE
   user="root",
                                      students (name VARCHAR(255), age
   passwd="1234",
                                      INTEGER(10))")
print(db)
                                       TO SHOW THE TABLES IN PYTHON
                                       import pymysql
TO CREATE A NEW DATABASE
                                       db = pymysql.connect(
                                          host="localhost",
import pymysql
                                          user="root",
                                          passwd="1234",
db = pymysql.connect(
   host="localhost",
                                          # we have to specify now the
   user="root",
                                       database we work on
   passwd="1234",
                                          database='tdb'
mycursor = db.cursor()
                                      mycursor = db.cursor()
                                      mycursor.execute("SHOW TABLES")
mycursor.execute("CREATE
DATABASE tdb")
                                       for tbs in mycursor:
# The name of our database will
                                          print(tbs)
be 'tdb'
                                       TO INSERT DATA INTO TABLE
TO SHOW ALL DATABASES CREATED IN
                                       import pymysql
PYTHON
                                       db = pymysql.connect(
                                          host="localhost",
import pymysql
                                          user="root",
                                          passwd="1234",
db = pymysql.connect(
   host="localhost",
                                          # we have to specify now the
   user="root",
                                       database we work on
   passwd="1234",
                                          database='tdb'
mycursor = db.cursor()
                                      mycursor = db.cursor()
mycursor.execute("SHOW
                                       sf = "INSERT INTO students
DATABASES")
                                      (name, age) VALUES (%s, %s)"
                                       student1 = ("shakir", 232100)
for dbs in mycursor:
   print(dbs)
                                      mycursor.execute(sf, student1)
TO CREATE A TABLE
                                       db.commit()
import pymysql
db = pymysql.connect(
                                      TO READ FROM THE DATABASE
   host="localhost",
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user="root",

```
database="tdb"
import pymysql
                                       mycursor = db.cursor()
db = pymysql.connect(
   host="localhost",
   user="root",
                                       sql = "SELECT * FROM students
   passwd="1234",
                                       WHERE name LIKE 'un%'"
    database="tdb"
                                       mycursor.execute(sql)
                                       result = mycursor.fetchall()
                                       for r in result:
mycursor = db.cursor()
                                           print(r)
mycursor.execute("SELECT * FROM
students")
                                       TO UPDATE A PARTICULAR VALUE
res = mycursor.fetchone()
# we can use fetchall() to read
                                       import pymysql
whole table
                                       db = pymysql.connect(
for row in res:
                                          host="localhost",
   print(row)
                                           user="root",
                                           passwd="1234",
                                           database="tdb"
TO READ USING WHERE (CONDITIONS)
                                       mycursor = db.cursor()
import pymysql
                                       sql = "UPDATE students SET age =
                                       13 WHERE name = 'xbr'"
db = pymysql.connect(
                                       mycursor.execute(sql)
   host="localhost",
                                       db.commit()
   user="root",
   passwd="1234",
   database="tdb"
                                       TO DELETE A ROW FROM THE
mycursor = db.cursor()
                                       DATABASE
sql = "SELECT * FROM students
                                       import pymysql
WHERE age = 23"
mycursor.execute(sql)
                                       db = pymysql.connect(
result = mycursor.fetchall()
                                          host="localhost",
for r in result:
                                           user="root",
   print(r)
                                           passwd="1234",
                                           database="tdb"
                                       mycursor = db.cursor()
TO READ USING LIKE (MATCHING
DATA)
                                       sql = "DELETE FROM students
                                       WHERE name = 'uniss'"
import pymysql
                                       mycursor.execute(sql)
db = pymysql.connect(
                                       db.commit()
   host="localhost",
    user="root",
    passwd="1234",
```