

#show databases

```
import mysql.connector
con=mysql.connector.connect(host="localhost",user="root",passwd="1234")
cc=con.cursor()
cc.execute("show databases")
r=cc.fetchall()
for i in r:
    print(i)
con.close()
```

#create table

```
import mysql.connector
con=mysql.connector.connect(host="localhost",user="root",passwd="1234",database="d")
cc=con.cursor()
t="create table dept(id int(4)primary key,dname char(20)not null, loc char(10))"
cc.execute(t)
con.close()
```

#show tables

```
import mysql.connector
con=mysql.connector.connect(host="localhost",user="root",passwd="1234",database="d")
cc=con.cursor()
cc.execute("show tables")
r=cc.fetchall()
for i in r:
    print(i)
con.close()
```

#insert Records

```
import mysql.connector
con =
mysql.connector.connect(host="localhost",user="root",passwd="1234",database="d")
cc = con.cursor()
b="insert into dept
values(2,'marketing','mumbai');"
cc.execute("insert into dept
values(1,'sales','delhi')")
cc.execute(b)
con.commit()
con.close()
```

#show records

```
import mysql.connector
con =
mysql.connector.connect(host="localhost",user="root",passwd="1234",database="d")
cc = con.cursor()
s="select * from stu;"
cc.execute(s)
r=cc.fetchall()
for i in r:
    print(i)
con.commit()
con.close()
```

OR

#to display selective columns

```
import mysql.connector
con =
mysql.connector.connect(host="localhost",user="root",passwd="1234",database="d")
cc = con.cursor()
s = "select * from Stu where name='Ravi'; "
cc.execute(s)
r = cc.fetchall()
for name,roll in r:
    print(name,roll)
con.close()
```

#update records

```
import mysql.connector
con =
mysql.connector.connect(host="localhost",user="root",passwd="1234",database="d")
cc = con.cursor()
s="update dept set dname='production' where
loc='mumbai';"
cc.execute(s)
con.commit()
con.close()
```

#delete records

```
import mysql.connector
con =
mysql.connector.connect(host="localhost",user="root",passwd="1234",database="d")
cc = con.cursor()
cc.execute("delete from stu where roll=14")
con.commit()
con.close()
```