In [2]:
```
#getting the list of existing databases
#import connectors
import mysql.connector
#connection to database
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
#creating a cursor object
cur=myconn.cursor()
try:
    dbs=cur.execute("show databases")
except:
    myconn.rollback()
for x in cur:
    print(x)
```

```
('anjalidb',)
('datastore',)
('dbmsskilll8',)
('demodatabase',)
('dvmlab2',)
('ecommerce',)
('homeinformationsystem',)
('information_schema',)
('jfsdlab1',)
('klhostel',)
('klu',)
('military',)
('mydb',)
('mysql',)
('newschema',)
('performance_schema',)
('ramarao',)
('restaurant',)
('sai',)
('sakila',)
('student_details',)
('sys',)
('testdb',)
('transport',)
('tutorial5',)
('university',)
('user',)
('user_database',)
('warehouse',)
('world',)
('yaswanthsai',)
```

In [3]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
cur=myconn.cursor()
try:
    cur.execute("create database ecommerce")
except:
    myconn.rollback()
myconn.close()
```

In [9]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
cur=myconn.cursor()
try:
    cur.execute("create table customers(cid int primary key,email varchar
except:
    myconn.rollback()
myconn.close()
```

In [7]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
cur=myconn.cursor()
try:
    cur.execute("create table orders(oid int primary key,customer_id int,
except:
    myconn.rollback()
```

In [80]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="root"
cur=myconn.cursor()
try:
    cur.execute("create table products(pid int primary key,name varchar(1
except:
    myconn.rollback()
myconn.close()
```

In [81]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="root"
cur=myconn.cursor()
try:
    cur.execute("insert into customers(cid,email,password,fullname,addres
except:
    myconn.rollback()
myconn.commit()
myconn.close()
```

In [10]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
cur=myconn.cursor()
sql="insert into customers(cid,email,password,fullname,address,country,ph
val=(2,'iunkavamshinath@gmail.com','Vamsi@546','iunka','kurnool','india',
try:
    cur.execute(sql,val)
    myconn.commit()
except:
    myconn.rollback()
print(cur.rowcount,"record inserted")
```

```
1 record inserted
```

In [82]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="root"
cur=myconn.cursor()
```

```
try:
    cur.execute("insert into products(pid,name,price,weight,descriptions)
except:
    myconn.rollback()
myconn.commit()
```

In [11]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
cur=myconn.cursor()
try:
    cur.execute("insert into orders(oid,customer_id,amount,shipping_addre
except:
    myconn.rollback()
myconn.commit()
```

In [ ]:
```
```

In [12]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
cur=myconn.cursor()
sql = "insert into orders (oid, cusotomer_id,amount,shipping_address) val
val = (2,2,10000,'kurnool')
try:
    cur.execute(sql,val)
    myconn.commit()
except:
    myconn.rollback()
print(cur.rowcount,"record inserted")
```

```
-1 record inserted
```

In [110]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="root"
cur=myconn.cursor()
try:
    dbs=cur.execute("select * from customers")
except:
    myconn.rollback()
for x in cur:
    print(x)
```

```
(1, 'sunkavamshinath@gmail.com', 'Vamsi@546', 'sunka', 'kurnool', 'ind
ia', 8186905185)
(2, 'iunkavamshinath@gmail.com', 'Vamsi@546', 'iunka', 'kurnool', 'ind
ia', 8186905185)
```

In [111]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="root"
cur=myconn.cursor()
try:
    dbs=cur.execute("select * from products")
except:
    myconn.rollback()
for x in cur:
    print(x)
```

```
(1, 'sunka', 1000.0, 50.0, 'hello')
```

In [13]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
cur=myconn.cursor()
try:
    dbs=cur.execute("select * from orders")
except:
    myconn.rollback()
for x in cur:
    print(x)
```

```
(1, 1, 10000.0, 'kurnool')
```

In [14]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
cur=myconn.cursor()
try:
    dbs=cur.execute("select * from customers where fullname LIKE 's%'")
except:
    myconn.rollback()
for x in cur:
    print(x)
```

In [15]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="kl@95
cur=myconn.cursor()
try:
    dbs=cur.execute("SELECT * FROM products ORDER BY name")
except:
    myconn.rollback()
for x in cur:
    print(x)
```

In [121]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="root"
cur=myconn.cursor()
try:
    dbs=cur.execute("select * from orders as o,products as p,customers as
except:
    myconn.rollback()
for x in cur:
    print(x)
myconn.close()
```

```
(1, 1, 10000.0, 'kurnool', 1, 'sunka', 1000.0, 50.0, 'hello', 1, 'sunk
avamshinath@gmail.com', 'Vamsi@546', 'sunka', 'kurnool', 'india', 8186
905185)
(1, 1, 10000.0, 'kurnool', 1, 'sunka', 1000.0, 50.0, 'hello', 2, 'iunk
avamshinath@gmail.com', 'Vamsi@546', 'iunka', 'kurnool', 'india', 8186
905185)
```

In [5]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="root"
cur=myconn.cursor()
try:
    dbs=cur.execute("select o.oid,c.fullname,o.amount from orders as o,cu
except:
    myconn.rollback()
for x in cur:
    print(x)
```

```
(1, 'sunka', 10000.0)
(2, 'iunka', 10000.0)
```

In [9]:
```
import mysql.connector
myconn=mysql.connector.connect(host="localhost",user="root",passwd="root"
mycursor = myconn.cursor()

sql = "INSERT INTO products (pid,name,price,weight,descriptions) VALUES (
val = [
  (10,'laptop',10000,50,'laptop'),
  (20,'laptop_hp',10000,50,'laptop1'),
  (30,'laptop_dell',10000,50,'laptop2'),
  (40,'laptop_lenova',10000,50,'laptop3'),
  (50,'laptop_asus',10000,50,'laptop4'),

]

mycursor.executemany(sql, val)

myconn.commit()
```

```
5 was inserted.
```

In [ ]: