In [7]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22"
)
mc=mydb.cursor()
```

In [8]:
```
mc=mydb.cursor()
mc.execute("create database sports")
```

```
---------------------------------------------------------------------------
DatabaseError                             Traceback (most recent call last)
<ipython-input-8-599a8ab3ade0> in <module>
      1 mc=mydb.cursor()
----> 2 mc.execute("create database sports")

~\anaconda3\lib\site-packages\mysql\connector\cursor.py in execute(self, operation, params, multi)
    549         else:
    550             try:
--> 551                 self._handle_result(self._connection.cmd_query(stmt))
    552             except errors.InterfaceError:
    553                 if self._connection._have_next_result:  # pylint: disable=W0212

~\anaconda3\lib\site-packages\mysql\connector\connection.py in cmd_query(self, query, raw, buffered, raw_as_string)
    488         if not isinstance(query, bytes):
    489             query = query.encode('utf-8')
--> 490         result = self._handle_result(self._send_cmd(ServerCmd.QUERY, query))
    491
    492         if self._have_next_result:

~\anaconda3\lib\site-packages\mysql\connector\connection.py in _handle_result(self, packet)
    393             return self._handle_eof(packet)
    394         elif packet[4] == 255:
--> 395             raise errors.get_exception(packet)
    396
    397         # We have a text result set

DatabaseError: 1007 (HY000): Can't create database 'sports'; database exists
```

In [9]:
```
mc=mydb.cursor()
mc.execute("SHOW DATABASES")
for x in mc:
  print(x)
```

```
('cms',)
('cpmsphp',)
('cybersecurity',)
('information_schema',)
('mini',)
('mysql',)
('osghsdb',)
('performance_schema',)
('phpmyadmin',)
('python',)
('sports',)
('support-system-for-women-and-children-master',)
('test',)
```

In [10]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
mc=mydb.cursor()
mc.execute("create table player(name varchar(20),playerno int,age int,score int)")
```

In [11]:
```
mc=mydb.cursor()
mc.execute("SHOW TABLES")
for x in mc:
  print(x)
```

```
('player',)
```

In [12]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
sql="insert into player(name,playerno,age,score) values(%s,%s,%s,%s)"
val1=('msd',7,42,100)
mc=mydb.cursor()
mc.execute(sql,val1)
mydb.commit()
```

In [13]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
sql="insert into player(name,playerno,age,score) values(%s,%s,%s,%s)"
val1=[('msd',7,42,100),('jaddu',8,32,90),('virat',18,22,80),('rohit',48,54,40),('kl',100,12,20)]
mc=mydb.cursor()
mc.executemany(sql,val1)
mydb.commit()
```

In [15]:
```
mc.execute("select * from player")
re=mc.fetchall()
for i in re:
    print(i)
```

```
('msd', 7, 42, 100)
('msd', 7, 42, 100)
('jaddu', 8, 32, 90)
('virat', 18, 22, 80)
('rohit', 48, 54, 40)
('kl', 100, 12, 20)
```

In [17]:
```
mc.execute("select * from player")
mc.fetchall()
```

Out[17]:
```
[('msd', 7, 42, 100),
 ('msd', 7, 42, 100),
 ('jaddu', 8, 32, 90),
 ('virat', 18, 22, 80),
 ('rohit', 48, 54, 40),
 ('kl', 100, 12, 20)]
```

In [28]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
mc=mydb.cursor()
mc.execute("select * from player")
mc.fetchone()
```

Out[28]:
```
('msd', 7, 42, 100)
```

In [30]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
mc=mydb.cursor()
mc.execute("select * from player")
mc.fetchall()
```

Out[30]:
```
[('msd', 7, 42, 100),
 ('msd', 7, 42, 100),
 ('jaddu', 8, 32, 90),
 ('virat', 18, 22, 80),
 ('rohit', 48, 54, 40),
 ('kl', 100, 12, 20)]
```

In [33]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
mc=mydb.cursor()
p="update player set age=202 where name='kl'"
mc.execute(p)
```

In [34]:
```
mc.execute("select * from player")
re=mc.fetchall()
for i in re:
    print(i)
```

```
('msd', 7, 42, 100)
('msd', 7, 42, 100)
('jaddu', 8, 32, 90)
('virat', 18, 22, 80)
('rohit', 48, 54, 40)
('kl', 100, 202, 20)
```

In [36]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
mc=mydb.cursor()
p="update player set age=202 where name='kl'"
mc.execute(p)
mydb.commit()
```

In [37]:
```
mc.execute("select * from player")
re=mc.fetchall()
for i in re:
    print(i)
```

```
('msd', 7, 42, 100)
('msd', 7, 42, 100)
('jaddu', 8, 32, 90)
('virat', 18, 22, 80)
('rohit', 48, 54, 40)
('kl', 100, 202, 20)
```

In [38]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
mc=mydb.cursor()
p="update player set name='chanikya' where age=32"
mc.execute(p)
mydb.commit()
```

In [39]:
```
mc.execute("select * from player")
re=mc.fetchall()
for i in re:
    print(i)
```

```
('msd', 7, 42, 100)
('msd', 7, 42, 100)
('chanikya', 8, 32, 90)
('virat', 18, 22, 80)
('rohit', 48, 54, 40)
('kl', 100, 202, 20)
```

In [42]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
mc=mydb.cursor()
p="select * from player limit 3"
mc.execute(p)
for i in mc:
    print(i)
```

```
('msd', 7, 42, 100)
('msd', 7, 42, 100)
('chanikya', 8, 32, 90)
```

In [44]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
mc=mydb.cursor()
p="select * from player limit 3 offset 2"
mc.execute(p)
for i in mc:
    print(i)
```

```
('chanikya', 8, 32, 90)
('virat', 18, 22, 80)
('rohit', 48, 54, 40)
```

In [45]:
```
import mysql.connector

mydb = mysql.connector.connect(
  host="localhost",
  user="pythonuser",
  password="chanikyamc22",
    database="sports"
)
mc=mydb.cursor()
p="delete from player where age=42"
mc.execute(p)
mydb.commit()
```

In [ ]:
```
mc.execute("select * from player")
re=mc.fetchall()
for i in re:
    print(i)
```

In [ ]:
```
mc=mydb.cursor()
mc.execute("SHOW TABLES")
for x in mc:
  print(x)
```

In [ ]:

In [ ]: