In [7]:
```
import cx_Oracle
```

In [8]:
```
import cx_Oracle
con = cx_Oracle.connect('amulyadb/root@localhost')
print(con.version)
```

```
11.2.0.2.0
```

In [9]:
```
cursor=con.cursor()
```

In [11]:
```
data=cursor.execute("SELECT * FROM MOVIE_CAST")
amdigo=data.fetchall()
print(amdigo)
```

```
[(101, 901, 'John Scottie Ferguson'), (102, 902, 'Miss Giddens'), (103, 903,
'T.E. Lawrence'), (104, 904, 'Michael'), (105, 905, 'Antonio Salieri'), (106, 9
06, 'Rick Deckard'), (107, 907, 'Alice Harford'), (108, 908, 'McManus'), (110,
910, 'Eddie Adams'), (111, 911, 'Alvy Singer'), (112, 912, 'San'), (113, 913,
'Andy Dufresne'), (114, 914, 'Lester Burnham'), (115, 915, 'Rose DeWitt Bukate
r'), (116, 916, 'Sean Maguire'), (117, 917, 'Ed'), (118, 918, 'Renton'), (120,
920, 'Elizabeth Darko'), (121, 921, 'Older Jamal'), (122, 922, 'Ripley'), (114,
923, 'Bobby Darin'), (109, 909, 'J.J.Gittes'), (119, 919, 'Alfred Borden')]
```

In [ ]:
```
data=cursor.execute("SELECT * FROM MOVIE_CAST")
amdigo=data.fetchmany()
for i in amdigo:
    print(i)
```

In [14]:
```
data=cursor.execute("SELECT * FROM MOVIE_CAST")
amdigo=data.fetchone()
print(amdigo)
```

```
(101, 901, 'John Scottie Ferguson')
```

In [18]:
```
import cx_Oracle
try:
    con=cx_Oracle.connect('amulyadb/root@localhost')
    cursor=con.cursor()
    cursor.execute("create table employees(eno number,ename varchar2(10),esal num
    print("Table created successfully")
except cx_Oracle.DatabaseError as e:
    if con:
        con.rollback()
        print("There is a problem with sql",e)
finally:
    if cursor:
        cursor.close()
    if con:
        con.close()
```

```
Table created successfully
```

In [17]:
```
import cx_Oracle
try:
    con=cx_Oracle.connect('amulyadb/root@localhost')
    cursor=con.cursor()
    cursor.execute("drop table employees")
    print("Table dropped successfully")
except cx_Oracle.DatabaseError as e:
    if con:
        con.rollback()
        print("There is a problem with sql",e)
finally:
    if cursor:
        cursor.close()
    if con:
        con.close()
```

```
Table dropped successfully
```

In [19]:
```
import cx_Oracle
try:
    con=cx_Oracle.connect('amulyadb/root@localhost')
    cursor=con.cursor()
    cursor.execute("insert into employees values(100,'Durga',1000,'Hyd')")
    con.commit()
    print("Record Inserted Successfully")
except cx_Oracle.DatabaseError as e:
    if con:
        con.rollback()
        print("There is a problem with sql",e)
finally:
    if cursor:
        cursor.close()
    if con:
        con.close()
```

```
Record Inserted Successfully
```

In [20]:
```
import cx_Oracle
try:
    con=cx_Oracle.connect('amulyadb/root@localhost')
    cursor=con.cursor()
    sql="insert into employees values(:eno,:ename,:esal,:eaddr)"
    records=[(200,'Sunny',2000,'Mumbai'),
             (300,'Chinny',3000,'Hyd'),
             (400,'Bunny',4000,'Hyd')]
    cursor.executemany(sql,records)
    con.commit()
    print("Records Inserted Successfully")
except cx_Oracle.DatabaseError as e:
    con.rollback()
    print("There is a problem with sql",e)
finally:
    if cursor:
        cursor.close()
    if con:
        con.close()
```

```
Records Inserted Successfully
```

In [24]:
```
import cx_Oracle
try:
    con=cx_Oracle.connect('amulyadb/root@localhost')
    cursor=con.cursor()
    while True:
        eno=int(input("Enter Employee Number:"))
        ename=input("Enter Employee Name:")
        esal=float(input("Enter Employee Salary:"))
        eaddr=input("Enter Employee Address:")
        sql="insert into employees values(%d,'%s',%f,'%s')"
        cursor.execute(sql %(eno,ename,esal,eaddr))
        print("Record Inserted Successfully")
        option=input("Do you want to insert one more record[Yes|No] :")
        if option=="No":
            con.commit()
        break
except cx_Oracle.DatabaseError as e:
    if con:
        con.rollback()
        print("There is a problem with sql :",e)
finally:
    if cursor:
        cursor.close()
    if con:
        con.close()
```

```
Enter Employee Number:207
Enter Employee Name:Jack
Enter Employee Salary:100000
Enter Employee Address:Vizag
Record Inserted Successfully
Do you want to insert one more record[Yes|No] :Y
```

In [ ]: