In [1]:

```python
import sqlite3
```

In [2]:

```python
conn = sqlite3.connect('test.db')
print ("Opened database successfully")
conn.execute('''CREATE TABLE IF NOT EXISTS MOVIES
(MOVIE_ID INT PRIMARY KEY NOT NULL,
MOVIE_NAME TEXT NOT NULL,
ACTOR_NAME TEXT NOT NULL,
ACTRESS_NAME TEXT NOT NULL,
DIRECTOR_NAME TEXT NOT NULL,
YEAR INT NOT NULL);''')
print ("Table created successfully")
```

```
Opened database successfully
Table created successfully
```

In [3]:

```python
conn = sqlite3.connect('test.db')
print ("Opened database successfully")
conn.execute("INSERT INTO MOVIES (MOVIE_ID,MOVIE_NAME,ACTOR_NAME,ACTRESS_NAME,DIRECTOR_NAME
VALUES (1, 'Inception', 'Leonardo Dicaprio', 'Marion cotillard', 'Christopher Nolan', 2010

conn.execute("INSERT INTO  MOVIES (MOVIE_ID,MOVIE_NAME,ACTOR_NAME,ACTRESS_NAME,DIRECTOR_NAM
VALUES (2, 'Pulp fiction', 'Samuel L Jackson', 'Uma Thurman','Quentin Tarantino', 1994 )");

conn.execute("INSERT INTO  MOVIES (MOVIE_ID,MOVIE_NAME,ACTOR_NAME,ACTRESS_NAME,DIRECTOR_NAM
VALUES (3, 'The Godfather', 'Al pacino', 'Diane Keaton','Francis Ford Coppola', 1972 )");

conn.execute("INSERT INTO  MOVIES (MOVIE_ID,MOVIE_NAME,ACTOR_NAME,ACTRESS_NAME,DIRECTOR_NAM
VALUES (4, 'La La land', 'Ryan gosling', 'Emma Stone ','Damien Chazelle', 2016 )");

conn.execute("INSERT INTO  MOVIES (MOVIE_ID,MOVIE_NAME,ACTOR_NAME,ACTRESS_NAME,DIRECTOR_NAM
VALUES (5, 'Midnight in paris', 'Owen Wilson', 'Rachel McAdams','Woody Allen', 2011 )");

print ("Records created successfully")
```

```
Opened database successfully
Records created successfully
```

In [4]:

```python
print ("Opened database successfully")
cursor = conn.execute("SELECT MOVIE_ID,MOVIE_NAME,ACTOR_NAME,ACTRESS_NAME,DIRECTOR_NAME,YEA
for row in cursor:
    print("MOVIE_ID = ", row[0])
    print("MOVIE_NAME= ", row[1])
    print("ACTOR_NAME = ", row[2])
    print("ACTRESS_NAME = ", row[3])
    print("DIRECTOR_NAME = ", row[4])
    print("YEAR = ", row[5], "\n")
print("operation done successfully")
```

```
Opened database successfully
MOVIE_ID =  1
MOVIE_NAME=  Inception
ACTOR_NAME =  Leonardo Dicaprio
ACTRESS_NAME =  Marion cotillard
DIRECTOR_NAME =  Christopher Nolan
YEAR =  2010

MOVIE_ID =  2
MOVIE_NAME=  Pulp fiction
ACTOR_NAME =  Samuel L Jackson
ACTRESS_NAME =  Uma Thurman
DIRECTOR_NAME =  Quentin Tarantino
YEAR =  1994

MOVIE_ID =  3
MOVIE_NAME=  The Godfather
ACTOR_NAME =  Al pacino
ACTRESS_NAME =  Diane Keaton
DIRECTOR_NAME =  Francis Ford Coppola
YEAR =  1972

MOVIE_ID =  4
MOVIE_NAME=  La La land
ACTOR_NAME =  Ryan gosling
ACTRESS_NAME =  Emma Stone
DIRECTOR_NAME =  Damien Chazelle
YEAR =  2016

MOVIE_ID =  5
MOVIE_NAME=  Midnight in paris
ACTOR_NAME =  Owen Wilson
ACTRESS_NAME =  Rachel McAdams
DIRECTOR_NAME =  Woody Allen
YEAR =  2011

operation done successfully
```

In [5]:

```python
print ("Opened database successfully")
cursor = conn.execute("SELECT ACTOR_NAME,MOVIE_NAME from MOVIES")
for row in cursor:
    print("Mr.",row[0], "is the lead actor in the movie" ,row[1])
    print("           ")
print("operation completed")
```

```
Opened database successfully
Mr. Leonardo Dicaprio is the lead actor in the movie Inception

Mr. Samuel L Jackson is the lead actor in the movie Pulp fiction

Mr. Al pacino is the lead actor in the movie The Godfather

Mr. Ryan gosling is the lead actor in the movie La La land

Mr. Owen Wilson is the lead actor in the movie Midnight in paris

operation completed
```

In [ ]: