Execution Steps:

On unzipping the package Assinment3_W1351349.zip, we will find createdb.sql, dropdb.sql, MovieDB folder and MovieDBfile.

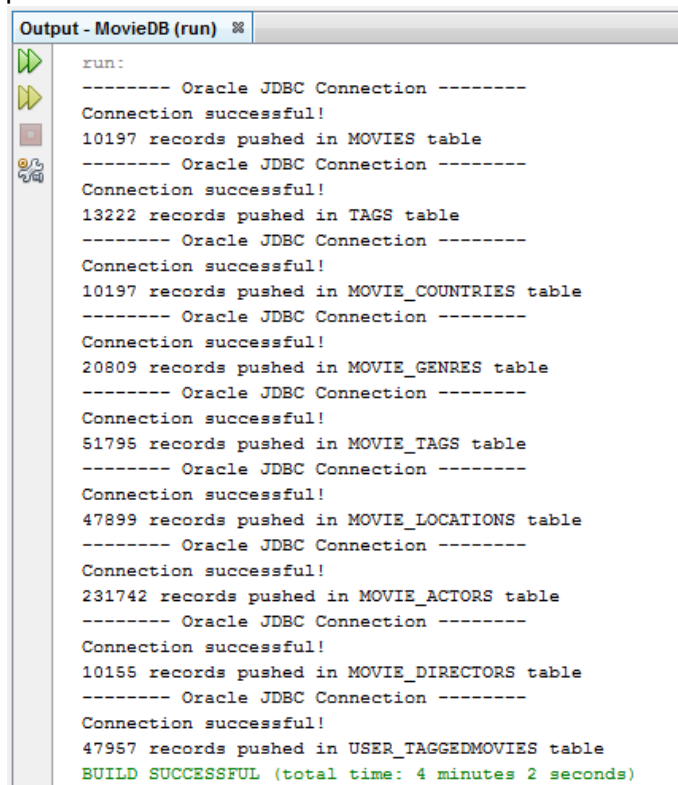1. After installing oracle, give the below commands,

```
> sqlplus
      .......Enter username and password......
SQL> DEFINE _EDITOR = notepad
SQL> EDIT createdb
      ------copy and paste the contents of createdb.sql in the notepad, and save------
SQL> @createdb
```

2. If we are using netbeans, go to File → Import Projects → From Zip, navigate to the MovieDBfile from the unzipped package and click OK. Click resolve dependencies and add the ojdbc7 jar to the project from *MovieDB → bin* folder.

3. If we are using command prompt, use cd command and navigate to MovieDB folder and perform the below command to populate data into the DB.

```
C:\Users\VS\Desktop> java –classpath bin/ojdbc7.jar build/classes/populate
./data/movies.dat ./data/tags.dat ./movie_countries.dat
./data/movie_genres.dat ./data/movie_tags.dat ./data/movie_locations.dat
./data/movie_actors.dat ./data/movie_directors.dat
./data/user_taggedmovies.dat
```

4. The output appears as follows.

```
Output - MovieDB (run)  ⊠
  run:
  -------- Oracle JDBC Connection --------
  Connection successful!
  10197 records pushed in MOVIES table
  -------- Oracle JDBC Connection --------
  Connection successful!
  13222 records pushed in TAGS table
  -------- Oracle JDBC Connection --------
  Connection successful!
  10197 records pushed in MOVIE_COUNTRIES table
  -------- Oracle JDBC Connection --------
  Connection successful!
  20809 records pushed in MOVIE_GENRES table
  -------- Oracle JDBC Connection --------
  Connection successful!
  51795 records pushed in MOVIE_TAGS table
  -------- Oracle JDBC Connection --------
  Connection successful!
  47899 records pushed in MOVIE_LOCATIONS table
  -------- Oracle JDBC Connection --------
  Connection successful!
  231742 records pushed in MOVIE_ACTORS table
  -------- Oracle JDBC Connection --------
  Connection successful!
  10155 records pushed in MOVIE_DIRECTORS table
  -------- Oracle JDBC Connection --------
  Connection successful!
  47957 records pushed in USER_TAGGEDMOVIES table
  BUILD SUCCESSFUL (total time: 4 minutes 2 seconds)
```

5. Now, run Hw3.java using the below command

`C:\Users\VS\Desktop> java –classpath bin/ojdbc7.jar build/classes/Hw3`

6. Initial output window appears as follows.

7. After selecting *genre(s)* and entering *from* & *to* years, click Next >> to populate countries.

8. After selecting *country/countries*, click Next >> to populate actors and directors.

9. After selecting *actor(s)/director(s),* click Next >> to populate tags.

10. After selecting *tag(s),* click Next >> to populate the movies query in the bottom panel.

11. Click on "Execute Movies Query" to see a list of movies.

12. Select a movie and click on more button to see the description below the movie results pane.

13. Select movies and click Next >> in the movie results pane to generate the users query.

14. Now, click on the *Execute Users Query* button, the *userids* of the users who tagged the selected tags (in step 10) for the selected movies (in the previous step)

15. Clear Selection button allows us to start over with a new search.

16. Once done, we need to drop the tables. Use the below commands to do the same.

```
> sqlplus
    .......Enter username and password......
SQL> DEFINE _EDITOR = notepad
SQL> EDIT dropdb
    ------copy and paste the contents of dropdb.sql in the notepad, and save------
SQL> @dropdb
```