**GitHub Link:**

**SQL Installation**

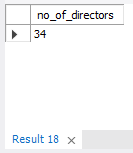
Was facing error in establishing the connection initially. So, I uninstalled the Workbench, removed it from the registry and then re-installed it. For re-installation, followed the steps given in the MYSQL Installation pdf. Then, created a new schema – dblabs1

**SQL QUERIES**

1. **Check how many directors are present in iMDB.**

**Query**: Select count(\*) from imdb.directors;

**Output:**

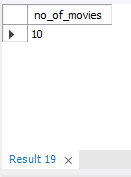
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1. **Check how many movies are released post-year 2000**

**Query:** select count(\*) as no\_of\_movies from imdb.movies where year > 2000;

**Explanation:**

**Output**

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1. **Find the list of genres of movies directed by Andrew Adamson**

**Query:**

select genre from imdb.movies\_genres as mg where mg.movie\_id = (select movie\_id from imdb.movies\_directors where director\_id = (select id from imdb.directors where first\_name = "Andrew" and last\_name = "Adamson"));

**Explanation:**

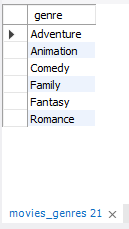
select \* from imdb.movies\_genres;

select id from imdb.directors where first\_name = "Andrew" and last\_name = "Adamson";

select movie\_id from imdb.movies\_directors where director\_id = (select id from imdb.directors where first\_name = "Andrew" and last\_name = "Adamson");

select genre from imdb.movies\_genres as mg where mg.movie\_id = (select movie\_id from imdb.movies\_directors where director\_id = (select id from imdb.directors where first\_name = "Andrew" and last\_name = "Adamson"));

**Output**

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1. **List of directors whose movies are ranked between 7 to 8 ranking.**

**Query**

select CONCAT(first\_name,'',last\_name) as Directors from imdb.directors where id IN (select director\_id from imdb.movies\_directors where movie\_id IN (select id from imdb.movies as m where m.rank BETWEEN 7 AND 8));

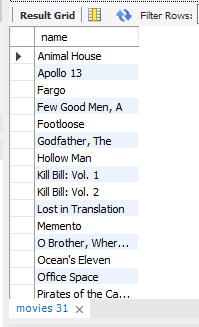
**Explanation**

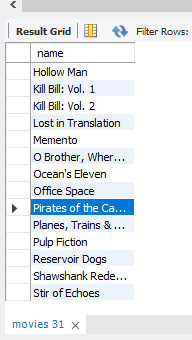
select id from imdb.movies as m where m.rank BETWEEN 7 AND 8;

select director\_id from imdb.movies\_directors where movie\_id IN (select id from imdb.movies as m where m.rank BETWEEN 7 AND 8);

select CONCAT(first\_name,'',last\_name) as Directors from imdb.directors where id IN (select director\_id from imdb.movies\_directors where movie\_id IN (select id from imdb.movies as m where m.rank BETWEEN 7 AND 8));

**Output – 20 results**

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1. **Find the role of Julliet Akinyi in Lost in Translation movie**

**Query**

SELECT role from imdb.roles where actor\_id = (SELECT id from imdb.actors where first\_name = "Julliet" and last\_name = "Akinyi") AND movie\_id = (select id from imdb.movies where name = "Lost in Translation");

**Explanation**

SELECT id from imdb.actors where first\_name = "Julliet" and last\_name = "Akinyi";

select id from imdb.movies where name = "Lost in Translation";

SELECT \* from imdb.roles where actor\_id = (SELECT id from imdb.actors where first\_name = "Julliet" and last\_name = "Akinyi") AND movie\_id = (select id from imdb.movies where name = "Lost in Translation");

SELECT role from imdb.roles where actor\_id = (SELECT id from imdb.actors where first\_name = "Julliet" and last\_name = "Akinyi") AND movie\_id = (select id from imdb.movies where name = "Lost in Translation");

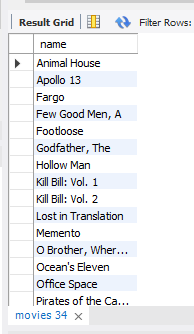
**Output**

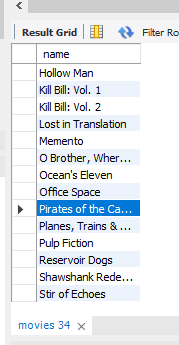
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1. **List of the movies that contain the letter ‘o' in any position**

**Query:** select name from imdb.movies where name LIKE "%o%";

**Output:**



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