

## SQL WORKSHEET 5

1. Write SQL query to show all the data in the Movie table.

Answer. `select * from movies;`

2. Write SQL query to show the title of the longest runtime movie.

Answer. `select title from movies ORDER BY runtime desc limit 1;`

3. Write SQL query to show the highest revenue generating movie title.

Answer. `select title from movies ORDER BY revenue desc limit 1;`

4. Write SQL query to show the movie title with maximum value of revenue/budget.

Answer. `select title from movies ORDER BY budget desc limit 1;`

5. Write a SQL query to show the movie title and its cast details like name of the person, gender, character name, cast order.

Answer. `select movies.title, movecast.person_name, movecast.gender ,movecast.character_name, movecast.cast_order from movecast INNER JOIN movies ON movies.movie_id=moveCast.movie_id;`

6. Write a SQL query to show the country name where maximum number of movies has been produced, along with the number of movies produced.

Answer. `select count(country_name),country_name from production_country GROUP BY country_name;`

7. Write a SQL query to show all the genre\_id in one column and genre\_name in second column.

Answer. select \* from genre;

8. Write a SQL query to show name of all the languages in one column and number of movies in that particular column in another column.

Answer. select language.language\_name,count(movies.movie\_id) from language INNER JOIN movie\_language ON language.language\_id = movie\_language.language\_id INNER JOIN movies ON movies.movie\_id = movie\_language.movie\_id GROUP BY movies.movie\_id;

9. Write a SQL query to show movie name in first column, no. of crew members in second column and number of cast members in third column.

Answer. select movies.title, movie\_cast.crew\_mamber, movie\_cast.cast\_member from movies INNER JOIN movie\_cast ON movies.movie\_id = movie\_cast.movie\_id ;

10. Write a SQL query to list top 10 movies title according to popularity column in decreasing order.

Answer. select title from movies ORDER BY popularity asc limit 10;

11. Write a SQL query to show the name of the 3rd most revenue generating movie and its revenue.

Answer. select title,revenue from movies ORDER BY revenue desc limit 1 offset 2;

12. Write a SQL query to show the names of all the movies which have

“rumoured” movie status.

Answer. select title from movies where movie\_status in ('rumoured');

13. Write a SQL query to show the name of the “United States of America” produced movie which generated maximum revenue.

Answer. select movies.title, movies.revenue from movies INNER JOIN production\_country ON movies.movie\_id = production\_country.movie\_id where country\_name = 'United States of America' ORDER BY movies.revenue DESC limit 1;

14. Write a SQL query to print the movie\_id in one column and name of the production company in the second column for all the movies.

Answer. select movie\_company.movie\_id, production\_company.company\_name from production\_company INNER JOIN movie\_company ON movie\_company.company\_id = production\_company.company\_id;

15. Write a SQL query to show the title of top 20 movies arranged in decreasing order of their budget.

Answer. select title from movies ORDER BY budget desc limit 20;