**Statistics 5**

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

ANS - SELECT \* FROM movie;

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

ANS - SELECT title, runtime

FROM movie

WHERE runtime = (SELECT MAX(runtime) from movie);

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

ANS - SELECT title,revenue FROM movie

WHERE revenue = (SELECT MAX(revenue) FROM movie);

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

ANS - SELECT title,revenue,budget FROM movie

WHERE revenue = (SELECT MAX(revenue) FROM movie)

OR

budget = (SELECT MAX(budget) FROM movie);

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

ANS - SELECT title,character\_name,cast\_order,person\_name,gender

FROM movie

JOIN movie\_cast ON movie.movie\_id=movie\_cast.movie\_id

JOIN person ON movie\_cast.person\_id=person.person\_id

LEFT JOIN gender ON movie\_cast.gender\_id=gender.gender\_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.

ANS - SELECT production\_country.country\_id,country\_name,COUNT(country.country\_id) as count

FROM movie

JOIN production\_country on movie.movie\_id=production\_country.movie\_id

JOIN country on country.country\_id = production\_country.country\_id

group by country\_id

order by count DESC

LIMIT 1;

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

ANS - SELECT \* FROM genre

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.

ANS - SELECT movie.movie\_id,company\_name FROM movie

RIGHT JOIN movie\_company on movie.movie\_id = movie\_company.movie\_id

JOIN production\_company on production\_company.company\_id = movie\_company.company\_id;

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

ANS - SELECT title,budget from movie

order by budget DESC

LIMIT 20;

12. Write a SQL query to show the names of all the movies which have “rumoured” movie status.

ANS - SELECT title FROM movie

WHERE movie\_status = 'Rumored';

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

ANS - SELECT title,revenue FROM movie

ORDER BY revenue DESC

LIMIT 3;

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

ANS - SELECT title,popularity FROM movie

ORDER BY popularity DESC

LIMIT 10;

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

ANS - SELECT movie.movie\_id,title,revenue,production\_country.country\_id,country\_name FROM movie

LEFT JOIN production\_country on production\_country.movie\_id = movie.movie\_id

LEFT JOIN country on country.country\_id = production\_country.country\_id

WHERE country\_name = 'United States of America'

order by revenue DESC

LIMIT 1;