SQL WORKSHEET-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 FROM movie ORDER BY runtime DESC LIMIT 1;

3. Write SQL query to show the highest revenue generating movie title.
Ans. SELECT title FROM movie ORDER BY revenue DESC LIMIT 1;

4. Write SQL query to show the movie title with maximum value of revenue/budget.
Ans. SELECT title FROM movie 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.
Ans. SELECT title, gender, character_name, cast_order, person_name FROM movie AS a INNER JOIN movie_cast AS b ON a.movie_id=b.movie_id INNER JOIN gender AS c ON c.gender_id=b.gender_id INNER JOIN person AS d ON d.person_id= b.person_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 country_name, COUNT(country_name) AS count FROM country AS a INNER JOIN production_country AS b ON b.country_id=a.country_id GROUP BY country_name 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;

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.
Ans. SELECT language_name, movie_id, COUNT(language_name) FROM movie_languages AS a JOIN language AS b ON a.language_id=b.language_id GROUP BY language_name ORDER BY count(language_name) DESC;

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.
Ans. SELECT m.title AS movie_name, COUNT(cr.person_id) AS no_of_crews, COUNT(ca.person_id) AS no_of_cast FROM movie AS m INNER JOIN movie_crew AS cr ON cr.movie_id=m.movie_id INNER JOIN movie_cast AS ca ON ca.person_id=cr_person_id;

10. Write a SQL query to list top 10 movies title according to popularity column in decreasing order.
Ans. SELECT title FROM movie ORDER BY popularity DESC LIMIT 10;

11. Write a SQL query to show the name of the 3rd most revenue generating movie and its revenue.
Ans. SELECT title FROM movie ORDER BY revenue DESC OFFSET 3 LIMIT 1;

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 LIKE 'rumored';

13. Write a SQL query to show the name of the "United States of America" produced movie which generated maximum revenue.
Ans. SELECT title, revenue FROM movie AS a INNER JOIN production_country AS b ON b.movie_id = a.movie_id INNER JOIN country AS c ON c.country_id = b. country_id WHERE country_name= 'United State of America';

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 m.movie_id, pc.company_name FROM movie AS m INNER JOIN movie_company AS mc ON mc.movie_id = m.movie_id INNER JOIN production_company AS pc ON pc.company_id =mc.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 FROM movie ORDER BY budget DESC LIMIT 20;