SQL 5

1. Write SQL query to show all the data in the Movie table.
   Answer: SELECT * FROM movie;

2. Write SQL query to show the title of the longest runtime movie.
   Answer: SELECT title FROM movie WHERE runtime= (SELECT MAX (runtime)FROM movie;

3. Write SQL query to show the highest revenue generating movie title.
   Answer: SELECT title FROM movie WHERE revenue= (SELECT MAX (revenue)FROM movie

4. Write SQL query to show the movie title with maximum value of revenue/budget.
   Answer: SELECT title 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 ofthe person, gender, character name, cast order.
   Answer: SELECT movie.title, person.person_name, gender.gender,movie_cast.cast_order FROM movie_cast
   INNER JOIN movie
   ON movie_cast.movie_id= movie. movie_id
   INNER JOIN person
   ON movie_cast. person_id= person. person _idINNER 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.
   Answer: SELECT country_name, count(country_name) AS no_mov_prd FROM country
   INNER JOIN production_country
   ON country. country_id= production. country _id
   GROUP BY country_name
   ORDER BY count(country.country_name) desc limit 1;

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_name, count (language_name) AS no_of_movie FROM language
   INNER JOIN movie_ language
   ON movie_ language. language_ id= language.language _ id INNER JOIN movie
   ON movie_ language.movie_ id=movie. movie_ id GROUP BY language_name;

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 movie.title, count (movie_crew.job), count(movie_cast.character_name)
   FROM movie_crew
   INNER JOIN movie
   ON movie_crew.movie_id= movie.movie_id
   INNER JOIN movie_cast
   ON movie_crew.movie_id=movie_cast.movie_id
   GROUP BY movie.title;

10. Write a SQL query to list top 10 movies title according to popularity column in decreasing order.
    Answer: SELECT title, popularity 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.
    Answer: SELECT title, revenue FROM movie
    ORDER BY revenue DESC
    LIMIT 2,1;

12. Write a SQL query to show the names of all the movies which have "rumoured" movie status.
Answer: SELECT tiltle FROM movie WHERE movie_status= "rumoured";

13. Write a SQL query to show the name of the "United States of America" produced movie which generated maximum revenue.
Answer: SELECT movie.title
production_company.company_name,max(movie.revenue)
FROM movie_company
INNER JOIN movie
ON movie_company.movie_id= movie.movie_id
INNER JOIN production_company
ON movie_company.company_id=production_company.company_id
WHERE production_company.company_name= "United States 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.
Answer: SELECT movie.movie_id,
production_company.company_nameFROM
movie_company.movie_id=movie.movie_id
INNER JOIN production_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 movie ORDER BY budget LIMIT 10;