WORKSHEET 5 SQL

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

   SELECT * FROM movie

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

   SELECT title FROM movie WHERE runtime = (SELECT MAX(runtime) FROM movie);

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

   “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.

   “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

   “SELECT movie.title, person.person_name, gender.gender, movie_cast.character_name, movie_cast.cast_order FROM movie INNER JOIN movie_cast ON movie.movie_id = movie_cast.movie_id FROM movie_cast INNER JOIN gender ON movie_cast.gender_id = gender.gender FROM movie_cast INNER JOIN person ON movie_cast.person_id = person.person_name”

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

   “SELECT COUNT(production_country.country_id), country.country_name FROM production_country INNER JOIN country ON production_country.country_id = 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

   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

   "SELECT COUNT(movie_languages.language_id), language.language_name FROM movie_languages INNER JOIN language ON movie_languages.language_id = language.language_id GROUP BY language_id ORDER BY movie_languages.language_id 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.

   "SELECT movie.title, COUNT(movie_crew.person_id), COUNT(movie_cast.person_id) FROM movie INNER JOIN movie_crew ON movie.movie_id = movie_crew.movie_id FROM movie INNER JOIN movie_cast ON movie.movie_id = movie_cast.movie_id"

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

    "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.

    "SELECT title 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.

    "SELECT title FROM movie WHERE movie_status LIKE 'rumoured' "

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

“SELECT movie.title, MAX(movie.revenue) FROM movie INNER JOIN production_country ON movie.movie_id = production_country.movie_id FROM production_country INNER JOIN country ON production_country.country_id = country.country_id WHERE country_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.

“SELECT movie.movie_id, production_company.company_name FROM movie INNER JOIN movie_company ON movie.movieid = movie_company.movie_id FROM movie_company 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

SELECT title FROM movie order by budget desc LIMIT 20”