SQL WORKSHEET 5

QUESTIONS ND ANSWER :

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,budget 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 movie.title, movie_cast.person_id, gender.gender, movie_cast.character_name, movie_cast.cast_order From movie join movie_cast on movie.movie_id=movie_cast.movie_id join gender on movie_cast.gender_id=gender.gender_id where gender.gender_id=2 limit 3

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 no_of_movies_produced From movie as a join production_country as c on a.movie_id=c.movie_id join country on c.country_id=country.country_id group by country_name order by count(country_name) desc;

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 m join language as l on m.language_id=l.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 title,count(cr.person_id),count(ca.person_id) From movie as m join movie_crew as cr on m.movie_id=cr.movie_id full outer join movie_cast as ca on m.movie_id=ca.movie_id group by title;

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

Ans. SELECT title,revenue From movie order by popularity desc limit 1;

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 limit 2,1;

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='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 m join production_country as pc on m.movie_id=pc.movie_id join country as c on pc.country_id=c.country_id where country_name='United States of America' order by 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.

Ans. SELECT movie_id,company_name From movie_company as mc join production_company as pc on mc.company_id=pc.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 limit 20;