

WORKSHEET 5 SQL

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

Ans. `select * from movies;`

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

Ans. `select title from movies ORDER BY runtime desc limit 1;`

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

Ans. `select title from movies 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 movies 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 movies.title, movecast.person_name, movecast.gender, movecast.character_name, movecast.cast_order from movecast INNER JOIN movies ON movies.movie_id=moveCast.movie_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 count(country_name),country_name from production_country GROUP BY country_name;`

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.language_name,count(movies.movie_id) from language INNER JOIN movie_language ON language.language_id = movie_language.language_id INNER JOIN movies ON movies.movie_id = movie_language.movie_id GROUP BY movies.movie_id;`

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 movies.title, movie_cast.crew_mamber,
movie_cast.cast_member from movies INNER JOIN movie_cast ON
movies.movie_id = movie_cast.movie_id ;

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

Ans. select title from movies ORDER BY popularity asc limit 10;

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

Ans. select title, revenue from movies ORDER BY revenue desc limit 1 offset 2;

12. Write a SQL query to show the names of all the movies which have "rumoured" mjjovie status.

Ans. select title from movies where movie_status in ('rumoured');

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

Ans. select movies.title, movies.revenue from movies INNER JOIN
production_country ON movies.movie_id = production_country.movie_id
where country_name= ' United States of America ' ORDER BY
movies.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_company.movie_id, production_company.company_name
from production_company INNER JOIN movie_company ON
movie_company.comapny_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.

Ans. select title from movies ORDER BY budget desc limit 20;

