

WORKSHEET 5 SQL

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, runtime FROM Movie WHERE runtime = (SELECT MAX(runtime) FROM Movie);`

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

Answer ... `SELECT title, revenue 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, budget FROM Movie WHERE budget = (SELECT MAX(runtime) FROM Movie`

5. Write a SQL query to show all the genre_id in one column and genre_name in second column.

Answer ... `Select genre_id, genre_name from genre;`

6. 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 from Language join Movie_Language on language_name.language_id=movie_id.language_id ;`

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

Answer ... `SELECT title FROM Movie ORDER BY popularity DESC limit10;`

8. Write a SQL query to show the names of all the movies which have “rumoured” movie status

Answer.... `SELECT title FROM Movie WHERE movie_status= “rumoured” ;`

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

Answer . `SELECT country_name, country_id FROM country JOIN production_country on movie_id = movie_id.country_id JOIN movie on movie_id WHERE revenue = (SELECT MAX(revenue) FROM Movie AND country_name='United States of America' FROM country);`

10. 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_id from Movie_Componney join Production_Componney on movie_id.componney_id=componney_name.componney_id ;

11. 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 DESC limit20;