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 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 budget = (SELECT MAX(budget) from movie)

5. Write a SQL query to show the movie title and its cast details like name of the person, gender, character name, cast order.

Answer→

SELECT title, person_name,gender,character_name,cast_order FROM movie,movie_cast,person,gender WHERE movie.movie_id = movie_cast.movie_id AND movie_cast.gender_id = gender.gender_id AND movie_cast.person_id = person.person_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 title,country_name,COUNT(country_name) FROM movie,production_country,country WHERE movie.movie_id = production-country.movie_id AND country.country_id = production_country.movie_id GROUPBY country_name

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 count(title),language_name FROM movie,movie_langauges,language WHERE movie.movie_id = movie_languages.movie_id AND movie_languages.movie_id = language.langauge_id GROUPBY 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 title,count(job),count(character_name) FROM movie,movie_cast,movie_crew WHERE movie.movie_id = movie_cast.movie_id AND movie_crew.movie_id = movie.movie_id GROUPBY title

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

Answer→

SELECT title FROM(SELECT title FROM movie ORDERBY popularity DESC LIMIT ORDERBY popularity DESC

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

Answer→

SELECT name.revenue FROM movie ORDERBY revenue DESC LIMIT 1 OFFSET 2

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

Answer→

SELECT title FROM movier 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 title FROM movie,production_company,country WHERE movie.movie_id = production_country.movie_id AND production_country.country_id = country.country_id AND country_name = "UNITES STATES OF AMERICA" ORDERBY 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.

Answer→

SELECT movie_id,company_name FROM movie,movie_crew,production_company,movie_company WHERE production_company.company_id = movie_company.company_id AND movie_company.movie_id = movie.movie_id AND movie.movie_id = movie_crew.movie_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 ORDERBY budget DESC LIMIT 20