

WORKSHEET 5 SQL- ANSWER

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 ORDER BY runtime DESC LIMIT 1;
3	Write SQL query to show the highest revenue generating movie title.
Answer	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.
Answer	SELECT title FROM movie WHERE revenue = (SELECT MAX(revenue) FROM movie) OR 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.
	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 INNER JOIN person ON movie_cast.person_id=person.person_id INNER JOIN gender ON movie_cast.gender_id=gender.gender_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 movie.movie_id, COUNT(*) AS movie_count, country.country_name FROM movie INNER JOIN production_country ON movie.movie_id= production_country.movie_id INNER JOIN country ON production_country.country_id = country.country_id GROUP BY country ORDER BY movie_count DESC LIMIT 1;
7	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;
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 movie.movie_id, COUNT(*) AS movie_count, language.language_name FROM movie INNER JOIN movie_language ON movie.movie_id= production_movie_language.movie_id INNER JOIN language ON movie_language.language_id = language.language_id GROUP BY language_name ORDER BY movie_count DESC LIMIT 1;
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	
10	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 LIMIT 10;
11	Write a SQL query to show the name of the 3rd most revenue generating movie and its revenue.
Answer	SELECT title, revenue FROM movies WHERE status = 'Released' ORDER BY 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 movie 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, revenue FROM movie INNER JOIN production_country ON movie.movie_id= production_country.movie_id INNER JOIN country ON production_country.country_id = country.country_id WHERE production_country = '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.

Answer	SELECT movie.movie_id , production_company.company_name FROM movie INNER JOIN Movie_company ON movie.movie_id = movie_company.movie_id 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.
Answer	SELECT title FROM movie ORDER BY budget DESC LIMIT 20;