

SQL Assignment 5

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

Answer : select * from movie

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

Answer : select title from movie order by runtime desc limit 1

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

Answer : select title from movie order by revenue desc limit 1

Q. 4 : Write SQL query to show the movie title with maximum value of revenue/budget

Answer : select title , budget from movie order by budget desc limit 1

Q. 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 movie.title, movie_cast.person_id, movie_cast.character_name,
movie_cast.cast_order, gender.gender from movie
JOIN movie_cast ON movie.movie_id = movie_cast.movie_id
JOIN gender ON movie_cast.gender_id = gender.gender_id

Q. 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 country_name, count(movie_id) , max(count_id) from movie
JOIN production_country ON movie.movie_id = production_country .movie_id
JOIN country ON production_country.country_id=country.country_id group by
country_name order by count(movie_id) desc

Q. 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
JOIN movie_genre ON genre.genre_id = movie_genre.genre_id

Q. 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 l.language_name, ml.movie_id, count(language_name) from movie_languages
as ml JOIN language as l ON ml.language_id = l.language_id group by language_name

Q.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 m.title, count(mc.person_id), count(ca.person_id) from movie as m
JOIN movie_crew as mc ON m.movie_id = mc.movie_id
JOIN movie_cast as mca on m.movie_id = mca.movie_id group by title

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

Answer :
select title , popularity from movie order by popularity desc limit 10

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

Answer :
select title, revenue from movie order by revenue desc limit 2 , 1

Q.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"

Q.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 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

Q. 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 :

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select mc.movie_id, pc.company_name from movie_company as mc  
JOIN production_company as pc ON mc.company_id = pc.company_id
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Q.15 : Write a SQL query to show the title of top 20 movies arranged in decreasing order of their budget

Answer :

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select title , budget from movie order by budget limit 20
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