SQL Work Sheet 5 Answers

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

A1. SELECT *FROM movies;

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

A2. SELECT 'title' FROM movies

WHERE runtime = MAX(runtime);

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

A3. SELECT 'title' FROM movies

WHERE revenue = MAX(revenue);

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

A4. SELECT 'title' FROM movies

WHERE revenue = MAX(revenue)

OR budget =MAX(budget);

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

A5. SELECT movie.title, person.person_name, gender.gender,movie_cast.character_name, movie_cast.cast_order FROM movie_cast , movies, gender ,person

WHERE movie_cast.movie_id = movie.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.

A6. SELECT 'country_name' FROM country

WHERE 'country_name ' = MAX(COUNT('country_name'));

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

A7. 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.

A8. SELECT `language_name` FROM language INNER JOIN movie_languages

ON language.language_id = movie_languages.language_id

GROUP BY `language_name`

ORDER BY COUNT(`movie_id`) DESC

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.

A9. SELECT `title` ,Count('job') as 'No. of Crew Members', COUNT('character_name') as 'No. of Cast Mambers' FROM movie INNER JOIN movie_crew

ON movie.'movie_id' = movie_crew.'movie_id'

INNER JOIN movie_cast

ON movie.'movie_id'=movie_cast.'movie_id',

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

A10. SELECT 'title' FROM Customers

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.

A 11. SELECT 'title', 'revenue' FROM movie

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.

A12. 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.

A13. SELECT 'title' ,'revenue', 'country' FROM production_country INNER JOIN movie

ON production_country.'movie_id' = movie.'movie_id'

INNER JOIN country

ON production_country.'counrty_id'=country.'country_id'

WHERE 'country' = "United States of America" AND 'revenue' = MAX('revenue');

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.

A14. SELECT ‘title’ ,’company_name’ FROM movie_company INNER JOIN movie

ON movie_company.’movie_id’= movie.’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.

A15. SELECT ‘title’ FROM Customers

ORDER BY (`budget`) DESC

LIMIT 20;