

WORKSHEET 5 SQL

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

Ans: select * from movie

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

Ans: select title from (select title, max(runtime) from Movie)

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

Ans: select title from (select title, max(revenue) from movie)

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

Ans: select title, max(revenue) 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.

Ans: Select m.Title, p.person_name, g.gender, mc.character_name, mc.cast_order from movie m inner join movie_cast mc on m.movie_id = mc.movie_id inner_join gender g on g.gender_id = mc.gender_id inner_join person p on p.person_id = mc.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.

Ans: Select c.country_name, m.movie_name from country c, movie m, (Select pc.country_id, max(pc.movie_id) as movie_id from production_country pc) t where c.country_id = t.country_id and t.movie_id = m.movie_id

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

Ans: 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

Ans: Select l.language_name, count(ml.movie_id) from movie_languages ml inner join language l on l.language_id = ml.language_id

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

Ans: Select m.title, count(mcr.movie_id), count(mca.movie_id) from movie m inner join movie_crew mcr on m.movie_id = mcr.movie_id inner join movie_cast mca on m.movie_id = mca.movie_id

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

Ans: Select top 10 m.title from movie m order by m.popularity desc

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

Ans: Select distinct 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

Ans: Select title from movie where movie_status = 'rumored'

13. Write a SQL query to show the name of the "United States of America" produced movie which generated maximum revenue

Ans: Select m.title, max(m.revenue) from movie m inner join production_country pc on m.movie_id = pc.movie_id inner join country c on pc.country_id = c.country_id where c.country_name = 'United States Of America'

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

Ans: Select m.title, pc.company_name from m.movie inner join
movie_company mc on m.movie_id = mc.movie_id inner join
production_company pc on pc.company_id = mc.company_id

15. Write a SQL query to show the title of top 20 movies arranged in decreasing order of their budget

Ans: Select top 20 title, budget from movies order by budget desc