Worksheet no. 5 SQL
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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 max(runtime) from movie)

3. Write SQL query to show the highest revenue generating movie title.
Ans: select title from (select max(revenue) from movie)

4. Write SQL query to show the movie title with maximum value of revenue/budget.
Ans: select title from (select max(revenue) and 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.
Ans:
select movie.title, person.person_name, gender.gender, movie_cast.character name, movie_cast.cast_order
from movie(((
inner join person on movie.movie_id=movie_cast.movie_id)
movie_cast.person_id=person.person_id)
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.
Ans:

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

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 movie.title, , count(movie_crew.person_id), count(movie_cast.character_name)
From movie ((
Inner join movie.movie_id=movie_crew.movie_id)
Inner join 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.
Ans:
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.
Ans:
Select title, distinct(revenue)
From movie
Order by revenue desc
Limit 2,1;

12. Write a SQL query to show the names of all the movies which have "rumoured" movie status.
Ans:
Select title, movie_status 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.
Ans:
Select movie.title,
from ((movie
inner join movie.movie_id=production_country.movie_id)
inner join production_country.country_id=country.country_name)
having country_name="United States of America"
where 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.
Ans:
Select movie_company.movie_id, production_company.company_name
from movie_company(
inner join movie_company.company_id=production_comapany.comapany_name)

15. Write a SQL query to show the title of top 20 movies arranged in decreasing order of their budget.
Ans:
Select title from movie
Order by budget desc limit 20