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