**WORKSHEET 5 SQL**

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

* Select \* from Movie;

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

* SELECT title, runtime FROM Movie WHERE runtime = (SELECT MAX(runtime) FROM Movie);

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

* SELECT title, revenue FROM Movie WHERE revenue = (SELECT MAX(revenue) FROM Movie);

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

* SELECT title, budget FROM Movie WHERE budget = (SELECT MAX(runtime) FROM Movie);

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

* Select movie.title,movie\_cast.person\_id, gender.gender, movie\_cast.character\_name, movie\_cast.cast\_order from movie join movie\_cast on movie.movie\_id=movie\_cast.movie\_id join gender on movie\_cast.gender\_id=gender.gender\_id where gender.gender\_id=2 limit 3\G

1. Write a SQL query to show the country name where maximum number of movies has been produced, along with the number of movies produced.

* select country\_name,count(country\_name) as no\_of\_movies\_produced from movie as a join production\_country as c on a.movie\_id=c.movie\_id join country on c.country\_id=country.country\_id group by country\_name order by count(country\_name) desc;

1. Write a SQL query to show all the genre\_id in one column and genre\_name in second column.

* Select genre\_id, genre\_name from genre;

1. 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.

* Select language\_name from Language join Movie\_Language on language\_name.language\_id = movie\_id.language\_id ;

1. 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.

* select title,count(cr.person\_id),count(ca.person\_id) from movie as m join movie\_crew as cr on m.movie\_id=cr.movie\_id full outer join movie\_cast as ca on m.movie\_id=ca.movie\_id group by title;

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

* SELECT title FROM Movie ORDER BY popularity DESC limit10;

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

* select title from movie order by revenue desc limit 2,1;

1. Write a SQL query to show the names of all the movies which have “rumoured” movie status.

* SELECT title FROM Movie WHERE movie\_status= “rumoured” ;

1. Write a SQL query to show the name of the “United States of America” produced movie which generated maximum revenue.

* SELECT country\_name, country\_id FROM country JOIN production\_country on movie\_id = movie\_id.country\_id JOIN movie on movie\_id WHERE revenue = (SELECT MAX(revenue) FROM Movie AND country\_name=’United States of America’ FROM country);

1. 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.

* Select movie\_id from Movie\_Componey join Production\_Componey on movie\_id.componey\_id=componey\_name.componey\_id ;

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

* SELECT title FROM Movie ORDER BY budget DESC limit20;