**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 movie order by runtime desc limit 1;

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

ANS: select title from movie order by REVENUE desc limit 1;

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

ANS: select title from movie order by revenue/budget desc limit 1;

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 title, character\_name, gender, cast\_order, person\_name from movie inner join movie\_cast on movie.movie\_id=movie\_cast.movie\_id inner join gender on movie\_cast.gender\_id=gender.gender\_id inner join person on 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

ANS: select country\_name from country c INNER JOIN production\_country p ON  
c.country\_id = p.country\_id INNER JOIN movie m ON p.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 genere\_id, genere\_name from genere;

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 language.language\_name,movies.movies\_name from ((language inner join movie\_languages on language.lanuage\_id=movie\_languages.language\_id) inner join movie\_languages.movie\_id= movie.movie\_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 movie.title,movie\_crew.count(person\_id),movie\_cast.count(person\_id) from ((movie inner join crew on movie.movie\_id=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.

ANS: select top 10 title from movie order by popularity DESC;

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

ANS:select title from movie where revenue= (select top 3 revenue from movie order by revenue DESC limit 3,1);

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 title, from movie where movie\_id = ( select movie\_id from movie\_company where company\_id = (select company\_id from production\_company where company\_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 movie\_company.movie\_id, production\_company.company\_name from ovie\_company 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.

ANS: select title from movie order by budget DESC LIMIT 20;