

## SQL Worksheet 5

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

select \* from movies

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

select title from movies ORDER BY runtime desc limit 1

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

select title from movies ORDER BY revenue desc limit 1

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

select title from movies ORDER BY 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.**

select movies.title, movecast.person\_name, movecast.gender ,movecast.character\_name, movecast.cast\_order from movecast INNER JOIN movies ON movies.movie\_id=moveCast.movie\_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.**

select count(country\_name),country\_name from production\_country GROUP BY country\_name

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

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.**

select language.language\_name,count(movies.movie\_id) from language INNER JOIN movie\_language ON language.language\_id = movie\_language.language\_id INNER JOIN movies ON movies.movie\_id = movie\_language.movie\_id GROUP BY movies.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.**

select movies.title, movie\_cast.crew\_mamber, movie\_cast.cast\_member from movies INNER JOIN movie\_cast ON movies.movie\_id = movie\_cast.movie\_id

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

select title from movies ORDER BY popularity asc limit 10

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

select title,revenue from movies 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.**

select title from movies where movie\_status in ('rumoured')

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

select movies.title,movies.revenue from movies INNER JOIN production\_country ON movies.movie\_id = production\_country.movie\_id where country\_name=' United States of America ' ORDER BY movies.revenue DESC limit 1

- 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.**

select movie\_company.movie\_id,production\_company.company\_name from production\_company INNER JOIN movie\_company ON movie\_company.comapny\_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.**

select title from movies ORDER BY budget desc limit 20