

## WORKSHEET 5 SQL

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

**Ans.** `select * from movies;`

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

**Ans.** `select title from movies ORDER BY runtime desc limit 1;`

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

**Ans.** `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.**

**Ans.** `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.**

**Ans.** `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.**

**Ans.** `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.**

**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.** `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.**

**Ans.** 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.**

**Ans.** 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.**

**Ans.** 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" mjjovie status.**

**Ans.** 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.**

**Ans.** 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.**

**Ans.**

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.**

**Ans.** select title from movies ORDER BY budget desc limit 20;

