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

**Ans:** SELECT \* FROM movies

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

**Ans:** SELECT MAX(runtime) FROM movies

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

**Ans:** SELECT title FROM movie where MAX(revenue)

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

**Ans: :** SELECT title FROM movie where MAX(revenue)

1. **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, person\_name, gender, character\_name, cast\_order from movie\_cast (Select movie\_id from movies where title = ‘PK’)

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.**

**Ans:** SELECT country\_name, movie\_produced from country where movie\_id = in(101,110) order by movie\_produced desc

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

**Ans:** 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.**

**Ans:** SELECT language\_name.langugae, title.movie from language inner join movie on movie\_id = movie\_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.**

**Ans:** SELECT title, character\_name from movie

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

**Ans:** SELECT title FROM (SELECT TOP 10 \* FROM movies ORDER BY popularity DESC) as myAlias

ORDER BY popularity ASC

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

**Ans:** SELECT title, revenue FROM movie ORDER BY revenue DESC LIMIT 1 OFFSET 2;

1. **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”

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

**Ans:** SELECT country\_name,MAX(revenue) FROM country where country\_name ==”United States of America order by revenue desc

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.**

**Ans:** SELECT movie\_id, company\_name, FROM production\_company where movie\_id =(SELECT movie\_id from movie\_company)

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

**Ans:** SELECT title FROM (SELECT TOP 20 \* FROM movies ORDER BY budget DESC) as myAlias

ORDER BY budget ASC