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

   Select * from Movie

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

   Select ,'title' from Movie Where runtime=(Select max(runtime) from Movie)

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

   Select 'title ' from Movie Where revenue=(Select max(revenue) from Movie)

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

   Select 'title' from Movie where budget=(Select max(budget) From Movie)

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 'title','Person_name','gender',',character_name','cast_order'from movie INNER JOIN movie_cast on person.person_id=movie_cast.person_id and
    gender.gender_id=movie_cast.gender_id
   INNER JOIN movie on movie_cast.movie_id=movie.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 country_name from country,where country_id=(Select country_id from Production_country) INNER JOIN movie on Production_country.movie_id=movie.movie_id

Group by Max(budget) and count(title) as 'number of Movies' from movie. Orderby numberof movies,DESC limit 1.

7. **Write a SQL query to show all the genre_id in one column and genre_name in second column.**

Select genre_name from genre where genre_id=(Select sort(genre_id 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_name ,numofmovies from language where languageid=(Select languageid from movie_languages) INNER JOIN movie on movie_languages.movie_id =movie.movie_id, Count(movie_id) as numofmovies

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**

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

    Select title from movie, where popularity=(Select sort(popularity) from movie orderby popularity DESC limit(10)

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

Select from title, revenue from movie 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','status ',where status="rumoured " from Movie.

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

Select title,pc.company_name from Movies INNER Join Production countryon movie.movie_id=Production_country.movie_id Join country on pc.country_id=country.country_id where c.country_name='UnitedStatesof America' order by max(movie.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 company_name ,movie_idfrom production_company inner Join movie_company on Production_company.companyt_id= movie_company.company_id Join movies on movie_company.movie_id=movie.movie_id

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

Select title,budget from Movies where budget=(Select Min(budget) from Movies) order by budget DESC limit 20