SQL QUESTIONS:

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, runtime from movies WHERE runtime = (SELECT MAX(runtime) from movies);
```

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

```
select title from movies where revenue = (SELECT MAX(revenue) from movies);
```

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

```
SELECT title, revenue, budget FROM movies

WHERE revenue=(SELECT MAX(revenue) from movies) OR budget=(SELECT MAX(budget) from movies);
```

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 movies

LEFT JOIN movie_cast ON movies.movie_id = movie_cast.movie_id

LEFT JOIN gender ON gender.gender_id = movie_cast.gender_id

LEFT JOIN person ON person.person_id = movie_cast.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.

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

Select genre_id,genre_name 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.

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 order by popularity desc limit 10;

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

12. Write a SQL query to show the names of all the movies which have "rumoured" movie status.

Select title from movie where movie status = "rumoured";

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

Select * from movies m join production_country pc on m.movie_id=pc.movie_id join country c on c.country_id=pc.country_id where country_name= "United States OF America" and revenue = select max(revenue)

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 m.movie_id ,pc.company name from movies m join movie_company mc on m.movie_id=mc.movie_id join production_company pc on mc.company
_id=pc.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;
```