

WORKSHEET 5 SQL

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 len(runtime) = (SELECT MAX(len(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 revenue = (SELECT MAX(revenue) FROM movie) OR 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  
  
MO.title,  
  
MC.character_name,  
  
MC.cast_order,  
  
G.gender,  
  
P.person_name  
  
FROM movie MO  
  
INNER JOIN movie_cast MC on MO.movie_id = MC.movie_id  
  
INNER JOIN gender G on MC.gender_id = G.gender_id  
  
INNER JOIN person P on MC.person_id = P.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.

```
SELECT
```

```
L.language_name,
```

```
count(ML.movie_id)
```

```
FROM languages L
```

```
INNER JOIN movie_languages ML on L.language_id = ML.language_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
```

```
MO.title,
```

```
count(MC.movie_id),
```

```
count(MCR.movie_id)
```

```
FROM movie MO
```

```
INNER JOIN movie_cast MC on MO.movie_id = MC.movie_id
```

```
INNER JOIN movie_crew MCR on MO.movie_id = MCR.movie_id
```

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.

```
SELECT 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 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.

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

MO.movie_id,

PRC.company_name

FROM movie MO

INNER JOIN movie_company MOC on MO.movie_id = MOC.movie_id

INNER JOIN production_company PRC on MOC.company_id = PRC.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 movie ORDER BY budget DESC LIMIT 20;