

## SQL Worksheet 5

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

```
Results = cur.execute("select * from Movie table ")
for i in results
    Print(i)
```

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

```
Results = cur.execute("select * from movie where movie_time=max")
for i in results:
    Print i
```

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

```
Results = cur.execute("select max(revenue) from movies")
Results = fetchone()
```

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

```
Results = cur.execute("select max(budget) from movies")
Results = fetchone()
```

5. Write a SQL query to show the movie title and its cast details like name of the person, gender, character name, cast order.

```
Results = cur.execute("select * from movie_cast")
for i in results:
    Print i
```

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
g.genre, COUNT(m.id) AS num_of_movie
FROM genre g
INNER JOIN movie m
ON g.movie_id = m.id
GROUP BY genre
ORDER BY COUNT(id) DESC
LIMIT 1;
```

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

```
Results = cur.execute("select genre_id, genre_name from movie_table")
for i in results:
```

Print i

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 from movies\_table”

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

Results = cur.execute(“select movie name, sum(movie\_crew),sum(movie\_cast) from movie\_table”)

for i in results:

Print i

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

Results = cur.execute(“select titles from movie\_table order by popularity desc limit 10”)

for i in results:

Print i

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

Results = cur.execute(“select titles from movie\_table order by revenue desc limit 3”)

for i in results:

Print i

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 title from movie where production\_company = “United States of America” order by 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 movie\_id, production\_company from movie

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

