SQL- WORKSHEET 5

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

Soln:

```
results=cur.execute("select * from Movie")
for i in results:
    print(i)
```

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

Soln:

```
results=cur.execute("select title from Movie order by runtime desc limit 1")
results.fetchone()
```

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

Soln:

```
results=cur.execute("select title from Movie order by revenue desc limit 1")
results.fetchone()
```

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

Soln:

```
results=cur.execute("select title from Movie order by revenue, budget desc limit 1")
results.fetchall()
```

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

Soln:

```
results = cur.execute("SELECT Movie.title, Person.person_name, Gender.gender,
Movie_Cast.character_name, Movie_Cast.cast_order FROM Movie, Movie_Cast, Person,
Gender WHERE Movie.movie_id= Movie_Cast.movie_id and
Movie_Cast.gender_id=Gender.gender_id and Movie_Cast.person_id=Person.person_id")
results.fetchall()
```

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.

Soln:

results= cur.execute(SELECT country_name from Country INNER JOIN Production_Country USING country_id GROUP BY country_id HAVING COUNT(MAX(country_id))

results.fetchall()

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

Soln:

results= cur.execute("SELECT genre_id,genre_name from Genre INNER JOIN Movie_Genres INNER JOIN Movie")

results.fetchall()

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.

Soln:

results= cur.execute("SELECT language_name, sum(language_id) FROM Language GROUP BY language_name")

results.fetchall()

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.

Soln:

results= cur.execute("SELECT Movie.title, Person.person_name, Person.person_name FROM Movie INNER JOIN Movie_Cast INNER JOIN Person INNER JOIN Movie_crew ON Movie.movie_id= Movie_Cast.movie_id and Movie_Cast.person_id=Person.person_id and Movie_Crew.person_id=Person.person_id ")

results.fetchall()

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

Soln:

```
results=cur.execute("select title from Movie order by popularity desc limit 10")
results.fetchall()
```

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

Soln:

```
results=cur.execute("select title, revenue from Movie order by revenue desc limit 3")
results.fetchall()
```

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

Soln:

```
results=cur.execute("select title from Movie where movie_status='rumoured' ")
results.fetchall()
```

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

Soln:

```
results=cur.execute("select title from Movie order by budget desc limit 20")
for i in results:
    print(i)
```