WORKSHEET WORKSHEET 5 SQL

QUESTIONS:

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 MAX(runtime), title FROM movie;

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

→ SELECT MAX(revenue), title FROM movie;

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

→ SELECT MAX(revenue), MAX(budget), title 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 movie.title, person.person_name,gender.gender, movie_cast.character name,
movie_cast.cast_order
FROM ((( movie_cast
INNER JOIN movie_cast.movie_id = movie.movie_id)
INNER JOIN movie_cast.gender_id = gender_id)
INNER JOIN movie_cast.person_id = person.person_id);
```

6. Write a SQL query to show the country name where the maximum number of movies has been produced, along with the number of movies produced.

→

```
SELECT country.country_name, COUNT(production_country. country_id)
FROM production_country
INNER JOIN production_country.country_id=country_country_id
WHERE COUNT(production_country.country_id)=MAX;
```

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

→ SELECT * FROM genre ;

8. Write a SQL query to show the name of all the languages in one column and number of movies in that particular column in another column.

→

```
SELECT language.language_name,COUNT(movie_languages.language_id),
FROM movie_languages
INNER JOIN movie_languages.language_id=language.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 movie.title,
COUNT(movie_cast.character_name),COUNT(movie_crew.person_id
FROM movie((
INNER JOIN movie.movie_id=movie_cast.character_name)
INNER JOIN movie.movie_id=movie_crew.character_name);
```

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

→

```
SELECT title, popularity
FROM movie
ORDER BY popularity DESC;
```

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

→

```
SELECT movie
FROM movie
ORDER BY revenue DESC
WHERE ROWNUM = 3;
```

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

→

```
SELECT titie
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 movie.title, MAX(movie.revenue),country.country_name
FROM movie((
INNER JOIN movie.movie_id=production_country.movie_id)
INNER JOIN production_country.country_id=country.country_id)
WHERE country_name = “United Stated of America”;
```

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_company.movie_id, production_company.company_name
FROM movie_company
INNER JOIN movie_company.company_id = production_company.company_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 movie
GROUP BY budget
ORDER BY budget DESC;
```