WORKSHEET 5 SQL

Q1. Write SQL query to show all the data in the Movie table.

Ans. Mysql<SELECT

movie_id,

title,

budget,

homepage,

overview,

popularity,

release_date,

revenue

runtime

movie_status

tagline

votes_avg

votes_count

FROM movie;

Q2. . Write SQL query to show the title of the longest runtime movie.

Ans. Mysql<SELECT title, runtime

FROM movie

GROUP BY title MAX();

Q3. Write SQL query to show the highest revenue generating movie title.

Ans. Mysql<SELECT

title,

revenue

FROM movie

GROUP BY revenue MAX();

Q4. Write SQL query to show the movie title with maximum value of revenue/budget.

Ans. For revenue:

Mysql<SELECT

title,

revenue,

budget

FROM movie

GROUP BY revenue MAX;

For budget:

Mysql<SELECT title, budget, revenue

FROM movie

GROUP BY budget MAX;

Q5. Write a SQL query to show the movie title and its cast details like name of the person, gender, character name, cast order.

Ans. Mysql<SELECT title, gender_id, person_id, character_name, cast_order

FROM movie, movie_cast;

Q6. Write a SQL query to show the country name where maximum number of movies has been produced, along with the number of movies produced.

Ans. Mysql<SELECT country_name, country_id

FROM country, production_country

GROUP BY country_name MAX;

Q7. Write a SQL query to show all the genre_id in one column and genre_name in second column.

Ans. Mysql<SELECT genre_id, genre_name * FROM genre;

Q8. 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.

Ans. Mysql<SELECT language_name, movie_id * FROM language, movie_language

ATER TABLE language_name, movie_id COLUMN1, COLUMN2;

Q9. 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.

Ans. Mysql<SELECT title, person_id, person_id * FROM movie, movie_crew, movie_cast

ALTER TABLE title, person_id, person_id COLUMN1, COLUMN2, COLUMN3

Q10. Write a SQL query to list top 10 movies title according to popularity column in decreasing order.

Ans. Mysql<SELECT title

FROM movie

WHERE ORDER BY title DESC

LIMIT 10;

Q11. Write a SQL query to show the name of the 3rd most revenue generating movie and its revenue.

Ans. Mysql<SELECT title, revenue

FROM movie

WHERE ORDER BY revenue ASC

LIMIT 3;

Q12. Write a SQL query to show the names of all the movies which have “rumoured” movie status.

Ans. Mysql<SELECT movie_status

FROM movie

WHERE movie_status = “rumoured”;

Q13. Write a SQL query to show the name of the “United States of America” produced movie which generated maximum revenue.

Ans. Mysql<SELECT country_name, country_id, revenue

FROM country, production_country,movie

WHERE country_name = “United States of America”

GROUP BY revenue MAX;

Q14. 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.

Ans. Mysql<SELECT movie_id, company_name

FROM movie, production_company; PRINT movie_id, company_name

ALTER TABLE movie_id,company_name COLUMN1, COLUMN2;

Q15. Write a SQL query to show the title of top 20 movies arranged in decreasing order of their budget.

Ans. Mysql<SELECT title, budget

FROM movie

WHERE ORDER BY budget DESC

LIMIT 20;

THANK YOU