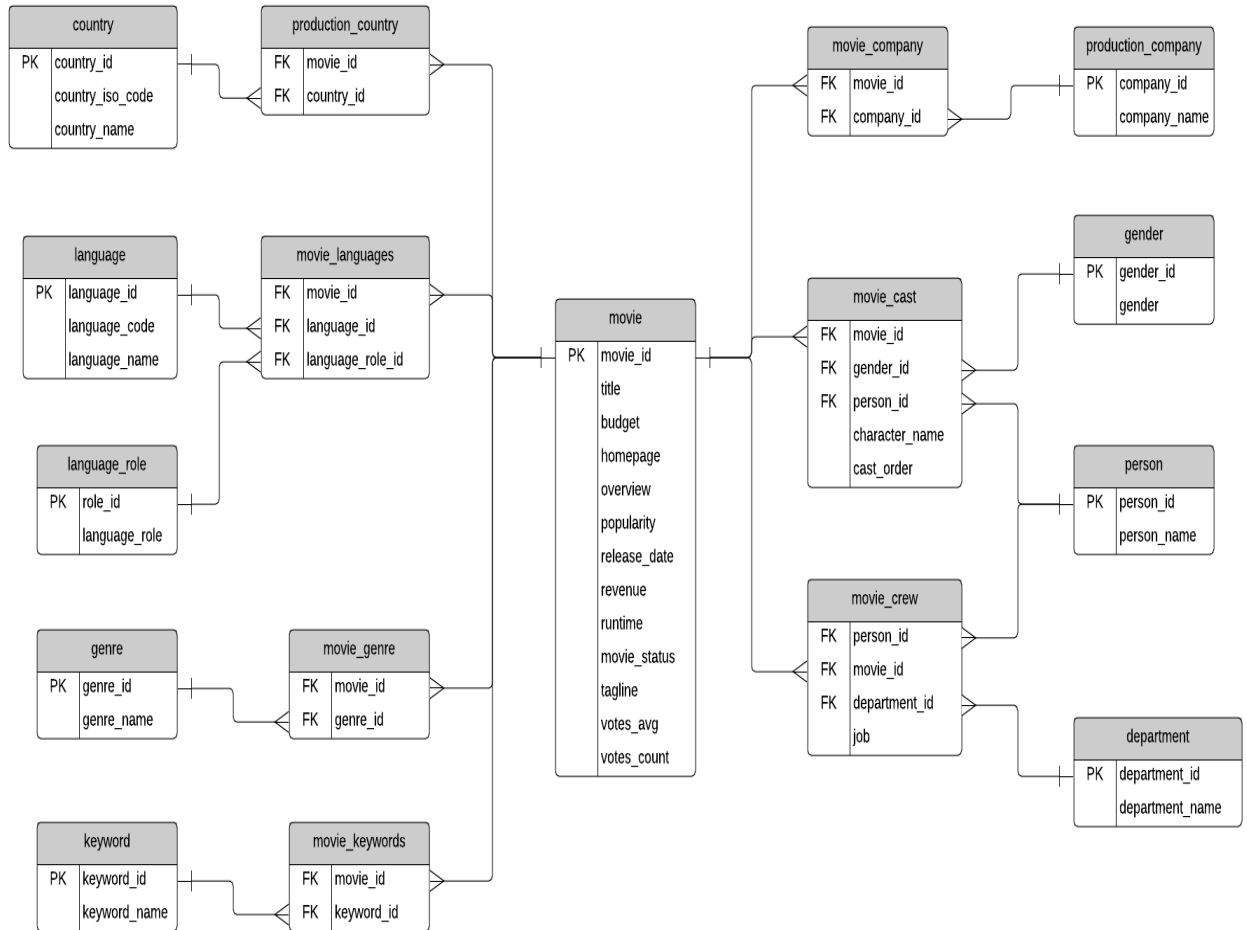


SQL WORKSHEET – 5



1. Write SQL query to show all the data in the Movie table.
Ans: Select * from movie.
2. Write SQL query to show the title of the longest runtime movie.
Ans: Select title from movie WHERE runtime = (select Max(runtime) from movie).
3. Write SQL query to show the highest revenue generating movie title.
Ans: Select Max(revenue) from movie.
4. Write SQL query to show the movie title with maximum value of revenue/budget.

Ans: Select title from movie WHERE 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.

Ans: Select movie.movie_id, movie.title, movie_cast.gender_id, movie_cast.person_id, movie_cast.character_name, movie_cast.cast_order

From movie

INNER JOIN movie_cast

ON movie_cast.movie_id = movie.movie_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.

Ans: Select country_name, count(country_name) as count from country as a INNER JOIN production_country as b on b.country_id=a.country_id group by country_name order by count desc limit 1.

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

Ans: Select * 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.

Ans: Select language_name, movie_id, count(language_name) from movie_languages as a INNER JOIN language as b

ON a.language_id = b.language_id

GROUP BY language_name ORDER BY count(language_name) desc.

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.

Ans: Select m.title as movie_name, count(cr.person_id) as no_of_crews, count(ca.person_id) as no_of_cast from movie as m
INNER JOIN movie_crew as cr ON cr.movie_id=m.movie_id
INNER JOIN movie_cast as ca ON ca.person_id = cr.person_id.

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

Ans: 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.

Ans: Select title from movie ORDER BY revenue desc offset 3 limit 1.

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

Ans: Select title from movie WHERE movie_status like ‘rumoured’.

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

Ans: Select title, Max(revenue)

From movie

WHERE title = “United States 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.

Ans: Select movie_company.movie_id,
production_company.company_name

From production_company

INNER JOIN movie_company on 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.

Ans: Select Top 20 title

From movie

ORDER BY budget desc.