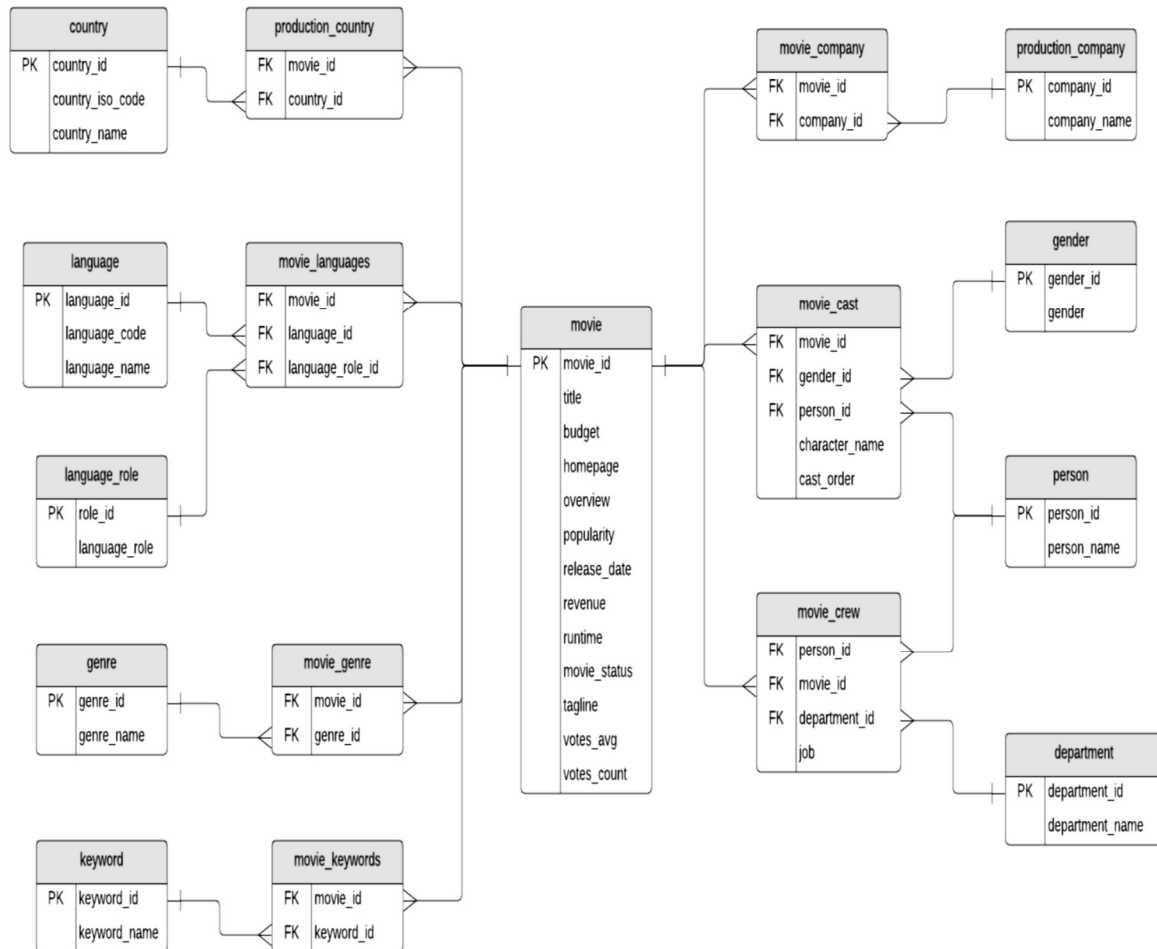# SQL WORKSHEET 5

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 title from movie order by runtime desc limit 1;

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

Select title from movie order by revenue desc limit 1;

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

Select title from movie order by budget desc limit 1;

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

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Select title, gender, character_name, cast_order, person_name from movie a inner join movie_cast b on a.movie_id=b.movie_id inner join gender c on c.gender_id=b.gender_id inner join person d on d.person_id= b.person_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.

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.

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.

Select language_name,movie_id,count(language_name) from movie_languages as a 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.

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 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.

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.

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.

Select title from movie where movie_status like 'rumored';

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

Select title, revenue from movie a inner join production_country b on b.movie_id = a.movie_id inner join country c on c.country_id = b. country_id where country_name= 'United State of America';

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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 m.movie_id, pc.company_name from movie m inner join movie_company mc on mc.movie_id = m.movie_id inner join production_company pc on pc.company_id =mc.company_id;

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

Select title from movie order by budget desc limit 20;