SQL ASSIGNMENT

Solutions:

1. SELECT * FROM movie;

2. SELECT title FROM movie WHERE runtime = (SELECT MAX(runtime) FROM movie);

3. SELECT title FROM movie WHERE revenue = (SELECT MAX(revenue) FROM movie);

4. SELECT title FROM movie WHERE budget = (SELECT MAX(budget) FROM movie);

5. SELECT title,character_name, cast_order, person_name, gender FROM movie_cast NATURAL JOIN movie NATURAL JOIN gender NATURAL JOIN person;

6. SELECT country_name, COUNT(movie_id) AS num_movies FROM production_country as p INNER JOIN country as c ON p.country_id = c.country_id GROUP BY country_name ORDER BY num_movies DESC LIMIT 1;

7. SELECT * FROM genre

8. SELECT language_name , COUNT(movie_id) AS num_movies FROM movie_languages AS m INNER JOIN language as l ON m.language_id = l.language_id GROUP BY l.language_id;

9. SELECT title, COUNT(person_id) AS num_cast FROM movie AS m INNER JOIN movie_cast as mc ON m.movie_id = mc.movie_id GROUP BY mc.movie_id;

10. SELECT title, popularity FROM movie ORDER BY popularity DESC LIMIT 10;

11. SELECT title, revenue FROM movie WHERE revenue = (SELECT TOP 1 revenue)

12. SELECT title FROM movie WHERE movie_status = 'rumoured';

13. SELECT title, revenue FROM movie AS m INNER JOIN production_country AS p ON m.movie_id = p.movie_id INNER JOIN country as c ON c.country_id = p.country_id WHERE country_name = 'United States Of America' ORDER BY revenue DESC LIMIT 1;

14. SELECT movie_id, company_name FROM movie_company NATURAL JOIN production_company;

15. SELECT title, budget FROM movie ORDER BY budget DESC;