

Assignment 3

CS3563 : DBMS-II

March 12, 2018

Question 1. Write a query that outputs a list of singers and their corresponding number of Oscar/Academy award winning movies in which they sang.

Question 2. Write a query to output a director's name and the number of movies he/she directed with rating less than 5.

Question 3. Find the highest ranking director based on average rating of all the movies he/she has directed.

Question 4. Print the shortest movie for each year.

Question 5. Genre wise print the movie with the longest running time.

Question 6. Print the adult-movie and the adult-TV series with the highest average rating.

Question 7. Print all movies and TV series with highest rating in each genre. (can add directors name and highest earning term).

Question 8. Print the name of the TV series which aired for the longest duration.

Question 9. Print award winning actor(s) who acted in the highest grossing movies for every genre.

Question 10. Print the name of directors who have worked for more than 5 years as asst. Dir. and in that period worked in an oscar winning movie.

Question 11. Print the name and age (at the time of winning the grammy) of the youngest singer to have won a grammy.

Question 12. Print the singers names in the decreasing order of the year of their grammy wins.

Question 13. Print for each year, the difference between the highest and the lowest grossing movies released in the same year, along with the names of the movies.

Question 14. You want to suggest your friend a good TV series which you haven't seen. Find out TV series names having every season rated above 7.5.

Question 15. Print the actor's name who has worked in as many movies as the number of crew members in the movie titled- The fault in our stars (can put any movie you wish).

Question 16. Print actors who have worked in both movies as well as TV series.

Question 17. For each genre, print the movie name and its director name for the movie which earned more than 2 million dollars.

Question 18. Print 10 (or less, if 10 instances not found) production companies which have produced more than 5 different genre movies.

Question 19. Print actor-actress pairs who have worked with the same director in more than 3 movies.

Question 20. You want to make a movie and you are searching for the best director. List out the directors in decreasing order of a score based on their experience and average movie ratings. Score : $0.2 * \text{experience} + 0.8 * \text{average movie ratings}$ (experience - No of movies for which he worked as director or asst director)