CSCI 3030U
Project II
Lab 6 – 10
Done By: Saif Niaz
ID: 100555440

Lab 06:

For lab six, we had to write six SQL queries and save the resulting tables in lab06.txt. We were allowed to change italic words from the instruction.

   a. Changes director born in *Canada* to *USA*.
   b. Changed movies directed by *David Lynch* to *Bryan Singer*
   c. Changed production cost to more than *$100M*.
   d. Found all the directors with surname starting with "S" and "Y".
   e. Found all *action* movies, instead of *comedy* with the playing actor is more than *40* years old.
   f. Found all pairs of actor who have *NULL* in eye color column, instead of *blue*

Lab 07:

For lab seven, we had to write SQL queries like last lab and save the resulting tables in lab07.txt. We were also allowed to change italic words from the instruction, as we did in last lab.

   a. Found the average age from Actors' table
   b. Found number of different countries that the actors from *"The Lego Batman Movie"* were born.
   c. Found the number of actors with *brown* eye color instead of *green*.
   d. Found number of movies in which *James McAvoy* was playing, instead of *Brad Pitt*.
   e. Found the minimum, average and maximum budget for each type of movies.
   f. Found the average rating for each movie where director born in *Florida* or *brown* eye color.
   g. Found all movies that have actors born in at least two different countries.
   h. Found movies with at least two movie nomination.

Lab 08 and 09:

For the following labs, we had to implement SQL queries in Java program. We had to choose two queries from lab six and lab seven, and implement them in our java program.

Lab 10:

For this lab, we had to complete all our tasks from previous labs and prepare a report to hand in.