Assignment 31-5-2021

1) Consider the schema for Movie Database:

ACTOR (Act\_id, Act\_Name, Act\_Gender)

DIRECTOR (Dir\_id, Dir\_Name, Dir\_Phone)

MOVIES (Mov\_id, Mov\_Title, Mov\_Year, Mov\_Lang, Dir\_id)

MOVIE\_CAST (Act\_id, Mov\_id, Role)

RATING (Mov\_id,Rev\_Stars)

Write SQL queries to :

**1.** List the titles of all movies directed by ‘Hitchcock’.

**2.** Find the movie names where one or more actors acted in two or more movies.

**3.** List all actors who acted in a movie before 2000 and also in a movie after 2015 (use JOIN operation).

**4.** Find the title of movies and number of stars for each movie that has at least one rating and find the highest number of stars that movie received.

Sort the result by movie title.

**5.** Update rating of all movies directed by ‘Steven Spielberg’ to 5.

2) Consider the following schema for Order Database:

SALESMAN (Salesman\_id, Name, City, Commission)

CUSTOMER (Customer\_id, Cust\_Name, City, Grade, Salesman\_id)

ORDERS (Ord\_No, Purchase\_Amt, Ord\_Date, Customer\_id, Salesman\_id)

Write SQL queries to :

1. Count the customers with grades above Bangalore’s average.

2. Find the name and numbers of all salesmen who had more than one customer.

3. List all salesmen and indicate those who have and don’t have customers in their cities (Use UNION operation.)

4. Demonstrate the DELETE operation by removing salesman with id 1000. All his orders must also be deleted. (Use ON DELETE CASCADE)