

CS3400 Database Systems

Quiz 3 - 11th Dec 2006

For the questions given below, write the corresponding SQL query statements. The primary keys for each of the relations are underlined.

Movie (int MovieId, varchar(255) MovieName, int ReleaseYear, int Rating, varchar(255) Genre)

FilmPersonality (int PID, varchar(255) Name, date DOB, char Gender, varchar(255) Country, double SigningAmount)

WorkedIn (int MovieID, int PID, varchar(255) Role)

Award (varchar(255) AwardName, int PID, int MID, varchar(255) Category, int Year)

The foreign key, primary key relationships:

WorkedIn (MovieID) references Movie (MovieId)

WorkedIn (PID) references FilmPersonality (PID)

Award (PID) references FilmPersonality (PID)

Award (MID) references Movie (MovieId)

1. Find the names of the actors who have worked in at least 50 movies.
2. For each movie that received at least two 'Filmfare' awards, find the total number of 'Filmfare' awards won by it.
3. Find the names of Film Personalities who have played the role of 'actor' as well as 'director' in a movie for which he received a 'Filmfare' award.
4. Find the names of all the actors who received 'Filmfare' award for 'Best Actor' for 2 consecutive years.
5. Insert a new tuple into 'Award' table for 'Zee Cine' 'Best Film' award for the movie with rating = 10, with PID as producer of that movie and year one more than the release year of that movie.

6. Insert a new tuple for the movie 'Dhoom-3' in WorkedIn table with with Role as 'Actor' and PID of the film personality who has won maximum 'Filmfare' awards from 1995 to 2006 in 'Best Actor' category.
7. Reduce the 'SigningAmount' by 20% of all the actresses who haven't received a single 'Best Actress' award in the years 2000 to 2006.
8. Update the ratings of all the movies to 9.0 which received at least 2 'Oscar' awards and in which at least 3 film personalities, with 'SigningAmount' of 10 million or more, have worked either as 'Actor' or 'Actress'.