

**CMPT-354 D1 Fall 2008**  
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**Extra Assignment**

This is an extra practical assignment using SQL Server 2005 Management Studio to give you more practical experience. Please, do NOT submit your solution, since it will not be marked. In this assignment, you will work on the Movie database, consisting of the following tables:

**MovieList(title:string, year:int)**

Note that the year of the release is also added as suffix to the title.

**Actors(actorName: string, actedIn:string)**

actedIn is FK to MovieList, actorName has the format "lastName,firstName".

**Actresses(actressName: string, actedIn:string)**

actedIn is FK to MovieList, actressName has the format "lastName,firstName".

**Genres(title:string,genre:string)**

title is a FK to MovieList

**Keywords(keyword:string, movieTitle:string)**

movieTitle is a FK to MovieList

**TopMovies(distribution:char(10), votes: int, rank: float, title: string)**

title is a FK to MovieList

**WorstMovies(distribution:char(10), votes: int, rank: float, title: string)**

title is a FK to MovieList

Formulate the following queries in SQL. Where applicable, make sure that you return only distinct results, and name the resulting attributes properly.

- a) For each Genre, find the name and the number of Movies of that Genre.
- b) Find the Movies that do not have any Keyword associated
- c) Find the names of all Actors and Actresses who have acted in the 1977 Star Wars Movie but not in the 1980 Star Wars Movie.
- d) Find the Actors that have acted in Movies of all Genres.
- e) Find the Actors that have acted in Movies of more than ten different Genres.
- f) Find the Keywords that have been associated with TopMovies and with WorstMovies.
- g) Find the title of the Movies that belong to the 'action' Genre and to the 'thriller' Genre, but have no Keyword that contains 'war'.
- h) Find the TopMovies that had a higher percentage of votes of 10 than of votes of 9 and votes of 8 together.
- i) Find the Actors and Actresses that have acted in a WorstMovie, but not in a TopMovie.
- j) For the Genre with the most Movies released before 1940, find the name and the number of these Movies.