**Assignment 11.1**

1. Return the categories (names) of the longest film. NOTE that there may be several "longest" films (i.e. with the same length), so you might need to return more than one category. Return the duration as well.

The SQL Query

select name , max(length) from film

join (film\_category , category)

on (film.film\_id=film\_category.film\_id and film\_category.category\_id=category.category\_id)

group by name;

The Answers

|  |  |
| --- | --- |
| name | max(length) |
| Action | 185 |
| Animation | 185 |
| Children | 178 |
| Classics | 184 |
| Comedy | 185 |
| Documentary | 183 |
| Drama | 181 |
| Family | 184 |
| Foreign | 184 |
| Games | 185 |
| Horror | 181 |
| Music | 185 |
| New | 183 |
| Sci-Fi | 185 |
| Sports | 184 |
| Travel | 185 |

2. Find the movies whose total number of actors is above the average. Return the movie names and its number of actors ordered by the title. IMPORTANT NOTE: this query should return many movies. Please write in your submission only the first TOP-10 results.

The syntax Used

SELECT title, count(actor\_id) a

FROM (film t1 LEFT JOIN film\_actor t2 ON t1.film\_id=t2.film\_id)

group by title having count(actor\_id) > round(avg(a));

The results

|  |  |
| --- | --- |
| title | A |
| ACADEMY DINOSAUR | 10 |
| ADAPTATION HOLES | 5 |
| AFFAIR PREJUDICE | 5 |
| AFRICAN EGG | 5 |
| AGENT TRUMAN | 7 |
| AIRPLANE SIERRA | 5 |
| AIRPORT POLLOCK | 4 |
| ALABAMA DEVIL | 9 |
| ALADDIN CALENDAR | 8 |
| ALASKA PHANTOM | 7 |