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MySQL exercise 3 – Basic SQL queries

General instructions:  
In this section, you will work on the IMDB database.

You will phrase a single query to answer each of the following questions. Make sure you write the simplest query possible. You are not allowed to create views.

Do the following for each question:  
a. Write down the query you run.  
b. Describe in a comment what results you got.

What are the full names of the actors in the DB? Order them alphabetically.

1. select full\_name from actors order by full\_name;
2. I got the full names of the actors in order.

How many action movies are there?

1. select distinct count(id) from movies where genre = 'action';
2. 3

How many non-action movies are there?

1. select distinct count(id) from movies where genre != 'action' and genre is not null;
2. 35

How many movies came out in each year?

1. select year, count(\*) from movies group by year order by year;
2. I got the amount of movies that came out in each year from 1972 – 2005. There were between 0-5 movies a year.

How many movie titles have the word “the” in them?

1. select count(\*) from movies where title like '% the %';
2. 2