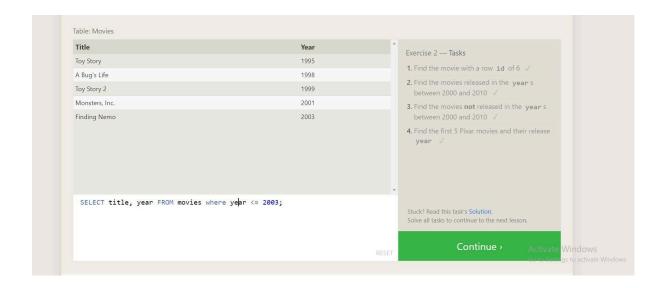
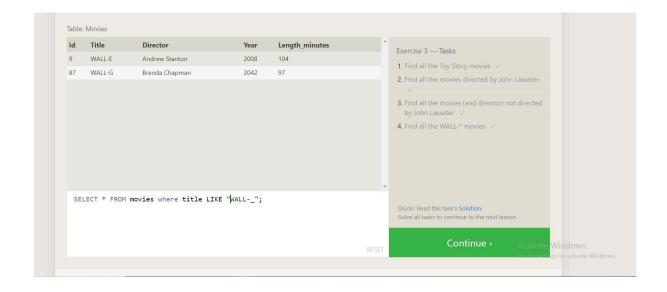
## **SQL Task**



- 1. Find the title of each film
- 2. Find the director of each film
- 3. Find the title and director of each film
- 4. Find the title and year of each film
- 5. Find all the information about each film



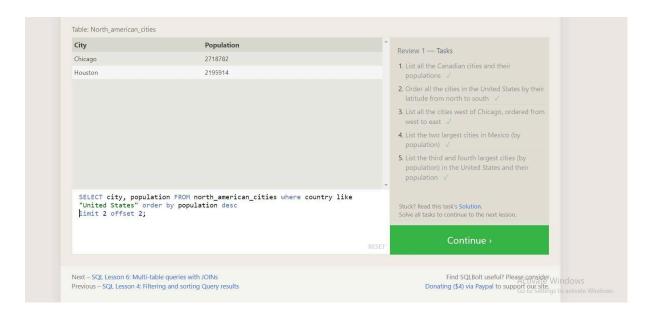
- 1. Find the movie with a row id of 6
- 2. Find the movies released in the year s between 2000 and 2010
- 3. Find the movies not released in the year s between 2000 and 2010
- 4. Find the first 5 Pixar movies and their release year



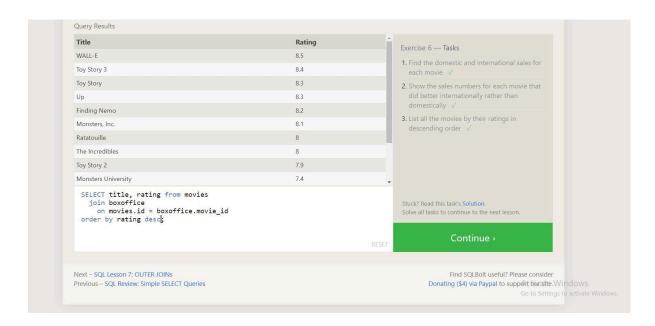
- 1. Find all the Toy Story movies
- 2. Find all the movies directed by John Lasseter
- 3. Find all the movies (and director) not directed by John Lasseter
- 4. Find all the WALL-\* movies



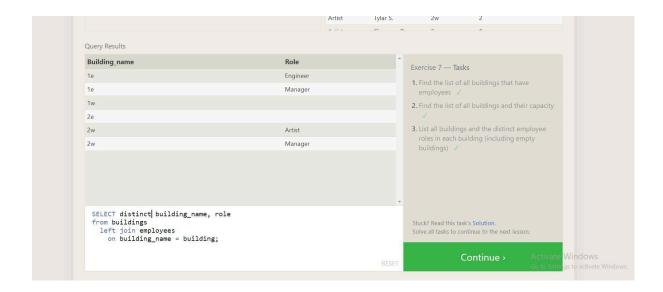
- List all directors of Pixar movies
   (alphabetically), without duplicates ✓
- 2. List the last four Pixar movies released (ordered from most recent to least) ✓
- List the **first** five Pixar movies sorted alphabetically ✓
- List the next five Pixar movies sorted alphabetically ✓



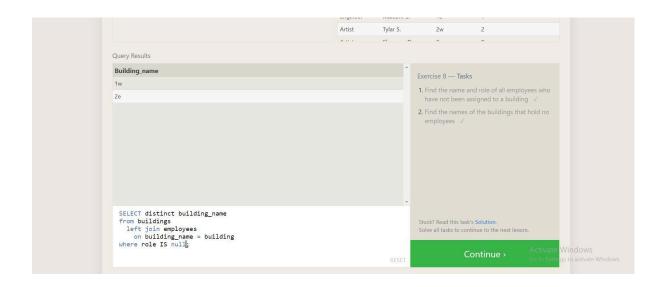
- 1. List all the Canadian cities and their populations
- 2. Order all the cities in the United States by their latitude from north to south
- 3. List all the cities west of Chicago, ordered from west to east
- 4. List the two largest cities in Mexico (by population)
- 5. List the third and fourth largest cities (by population) in the United States and their population



- 1. Find the domestic and international sales for each movie
- 2. Show the sales numbers for each movie that did better internationally rather than domestically
- 3. List all the movies by their ratings in descending order

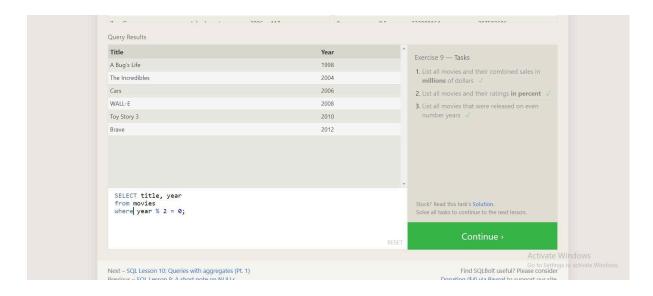


- I. Find the list of all buildings that have employees
- 2. Find the list of all buildings and their capacity
- 3. List all buildings and the distinct employee roles in each building (including empty buildings)

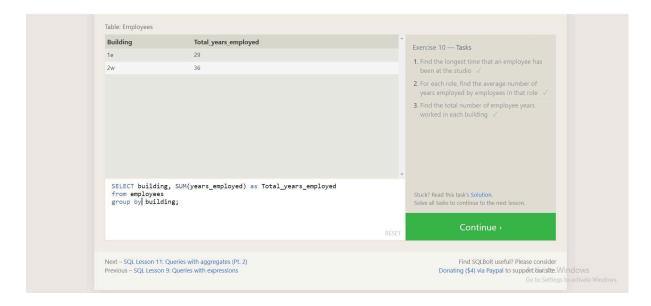


## Exercise 8 — Tasks

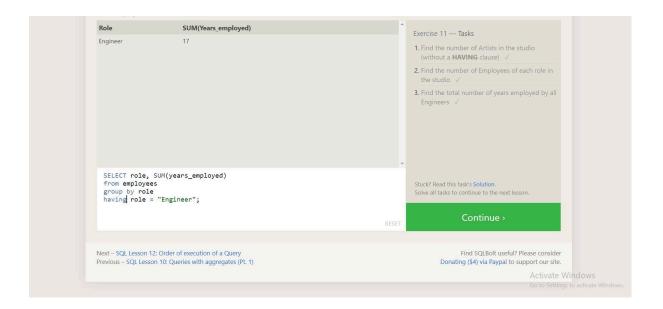
- 1. Find the name and role of all employees who have not been assigned to a building V
- 2. Find the names of the buildings that hold no employees



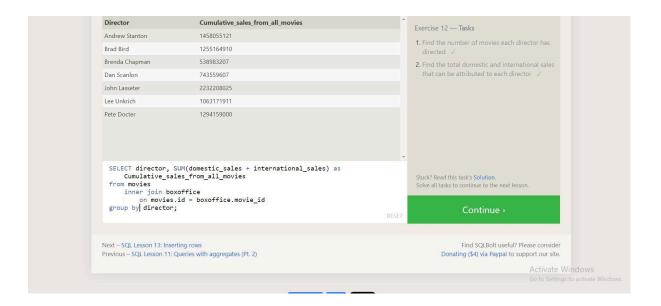
- 1. List all movies and their combined sales in millions of dollars
- 2. List all movies and their ratings in percent
- 3. List all movies that were released on even number years



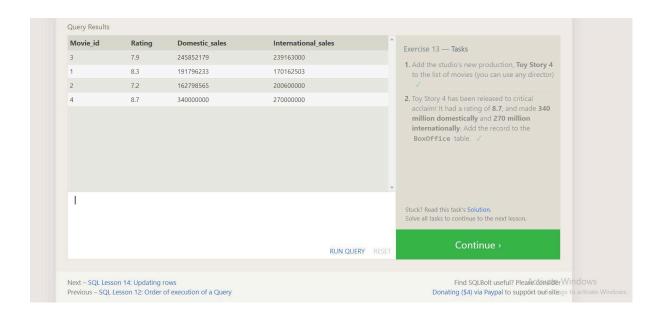
- I. Find the longest time that an employee has been at the studio
- 2. For each role, find the average number of years employed by employees in that role
- 3. Find the total number of employee years worked in each building



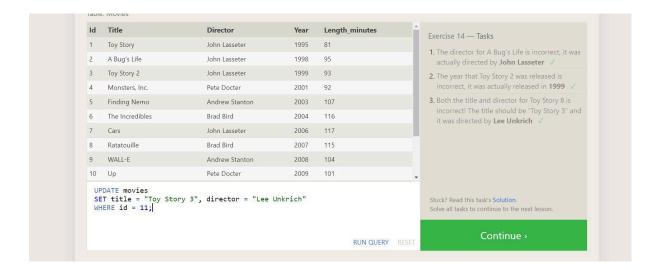
- 1. Find the number of Artists in the studio (without a HAVING clause)
- 2. Find the number of Employees of each role in the studio
- 3. Find the total number of years employed by all Engineers



- 1. Find the number of movies each director has directed
- 2. Find the total domestic and international sales that can be attributed to each director

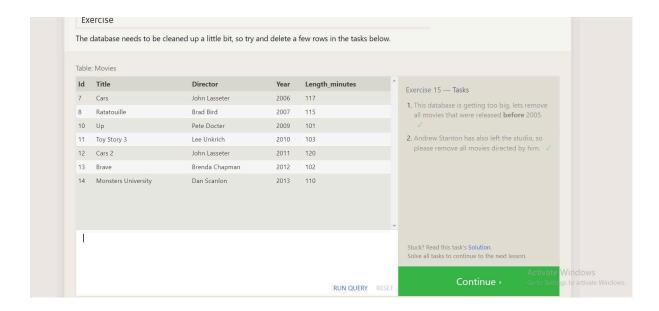


- 1. Add the studio's new production, Toy Story 4 to the list of movies (you can use any director)
- 2. Toy Story 4 has been released to critical acclaim! It had a rating of 8.7, and made 340 million domestically and 270 million internationally. Add the record to the BoxOffice table.

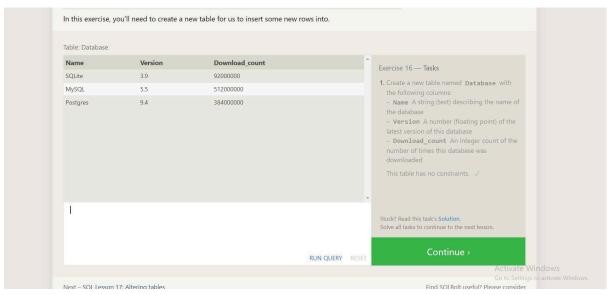


- 1. The director for A Bug's Life is incorrect, it was actually directed by John Lasseter
- 2. The year that Toy Story 2 was released is incorrect, it was actually released in 1999
- 3. Both the title and director for Toy Story 8 is

## incorrect! The title should be "Toy Story 3" and it was directed by Lee Unkrich



- 1. This database is getting too big, lets remove all movies that were released before 2005.
- 2. Andrew Stanton has also left the studio, so please remove all movies directed by him.

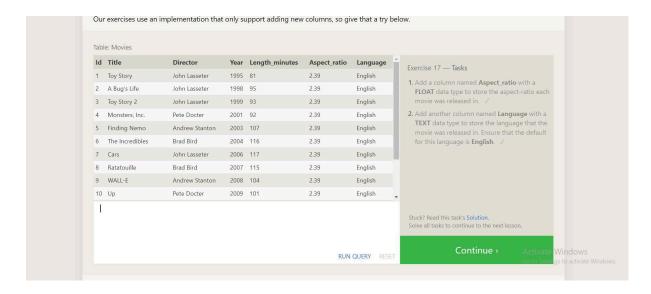


1, Create a new table named Database with

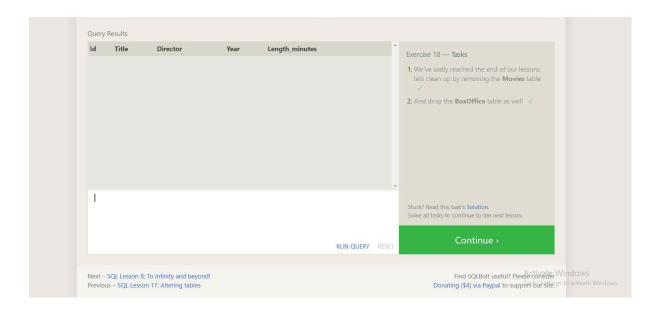
the following columns:

- Name A string (text) describing the name of the database
- Version A number (floating point) of the latest version of this database
- Download \_ count An integer count of the number of times this database was downloaded

This table has no constraints,



- 1. Add a column named Aspect\_ratio with a FLOAT data type to store the aspect-ratio each movie was released in.
- 2. Add another column named Language with a TEXT data type to store the language that the movie was released in. Ensure that the default for this language is English. v



- 1. We've sadly reached the end of our lessons, lets clean up by removing the Movies table
- 2. And drop the BoxOffice table as well