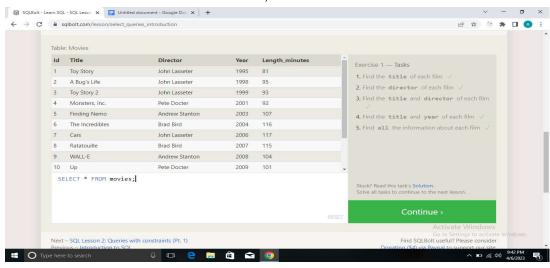
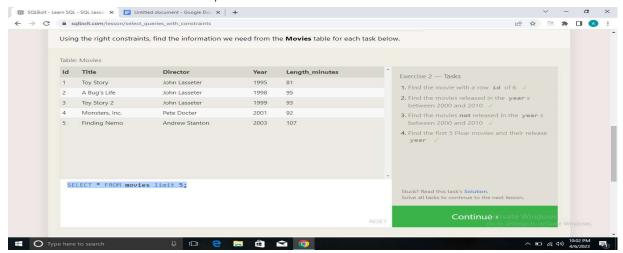
# MYSQL TASK 2 SQLBOLT

#### Lesson 1

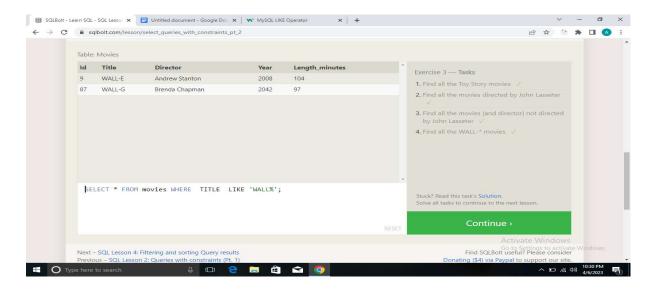
- 1. SELECT title FROM movies;
- 2. SELECT director FROM movies;
- 3. SELECT title, director FROM movies;
- 4. SELECT title, year FROM movies;
- 5. SELECT \* FROM movies;



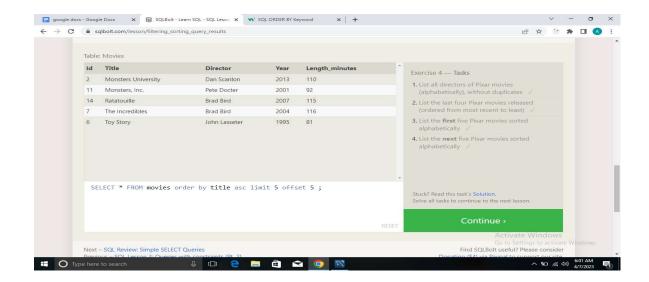
- 1. SELECT \* FROM movies WHERE id=6;
- 2. SELECT \* FROM movies WHERE year between 2000 and 2010;
- 3. SELECT \* FROM movies WHERE not year between 2000 and 2010;
- 4. SELECT \* FROM movies limit 5;



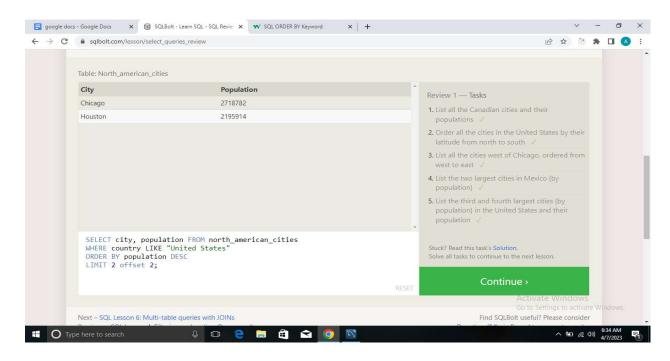
- 1. SELECT \* FROM movies WHERE TITLE LIKE 'TOY%';
- SELECT \* FROM movies WHERE DIRECTOR LIKE 'jOHN %';
- 3. SELECT \* FROM movies WHERE NOT DIRECTOR LIKE'jOHN %';
- 4. SELECT \* FROM movies WHERE TITLE LIKE 'WALL%';



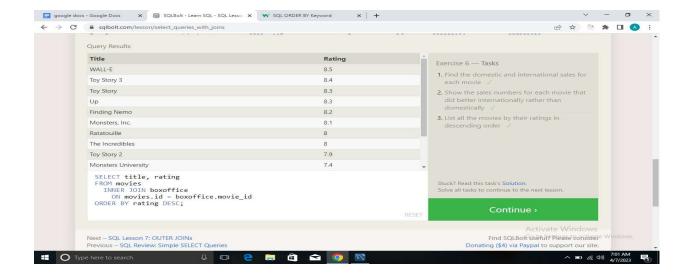
- 1. SELECT \* FROM movies group by director;
- 2. SELECT \* FROM movies order by year desc limit 4;
- 3. SELECT \* FROM movies order by title asc limit 5 offset 0;
- 4. SELECT \* FROM movies order by title asc limit 5 offset 5;



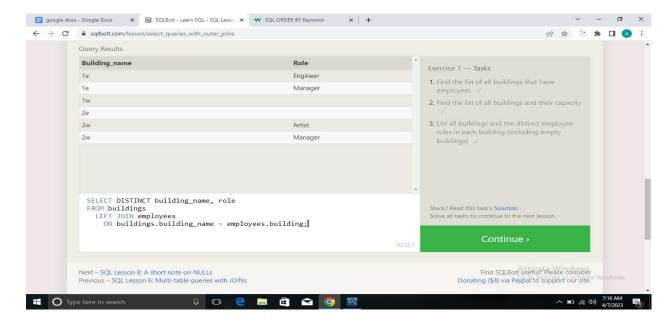
- 1. SELECT \* FROM north american cities where country='Canada';
- SELECT city, latitude FROM north\_american\_cities WHERE country = "United States" ORDER BY latitude DESC;
- SELECT city, longitude FROM north\_american\_cities WHERE longitude < -87.629798
   <p>ORDER BY longitude ASC;
- 4. SELECT city, population FROM north\_american\_cities WHERE country LIKE "Mexico" ORDER BY population DESC LIMIT 2;
- SELECT city, population FROM north\_american\_cities
   WHERE country LIKE "United States" ORDER BY population DESC LIMIT 2 offset 2;



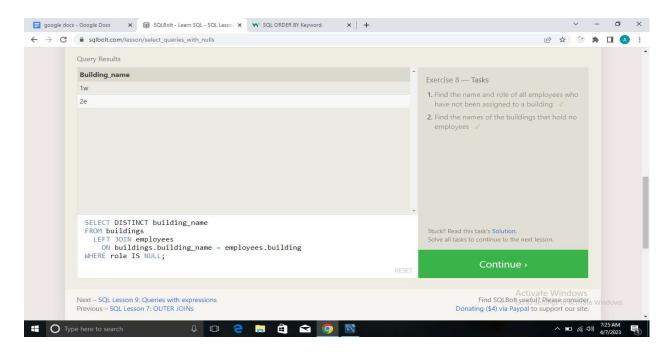
- 1. SELECT \* FROM movies inner join boxoffice on movies.id=boxoffice.movie id;
- SELECT \* FROM movies INNER JOIN boxoffice ON movies.id = boxoffice.movie\_id WHERE international\_sales > domestic\_sales;
- SELECT title, rating FROM movies INNER JOIN boxoffice ON movies.id = boxoffice.movie\_id ORDER BY rating DESC;



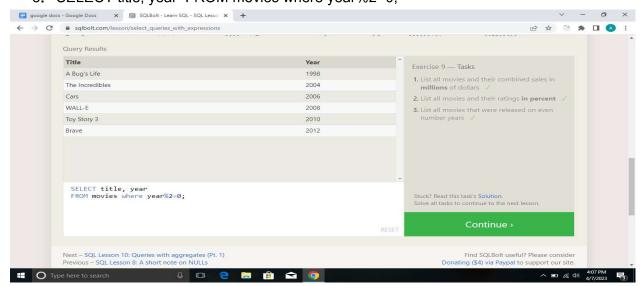
- 1. SELECT DISTINCT building FROM employees;
- SELECT \* FROM buildings;
- 3. SELECT DISTINCT building\_name, role FROM buildings LEFT JOIN employees ON buildings.building\_name = employees.building;



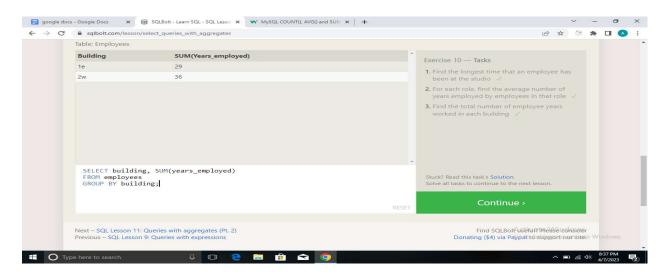
- 1. SELECT name, role FROM employees WHERE building IS NULL;
- SELECT DISTINCT building\_name FROM buildings LEFT JOIN employees
   ON buildings.building\_name = employees.building WHERE role IS NULL;



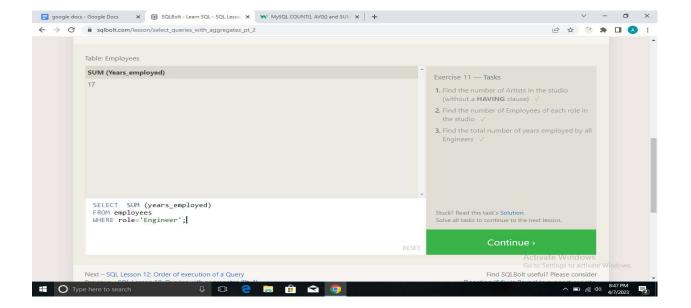
- 1. SELECT title, (domestic\_sales + international\_sales) / 1000000 AS millions FROM movies INNER JOIN boxoffice ON movies.id = boxoffice.movie id;
- SELECT title, rating \* 10 AS ratings FROM movies JOIN boxoffice ON movies.id = boxoffice.movie\_id;
- 3. SELECT title, year FROM movies where year%2=0;



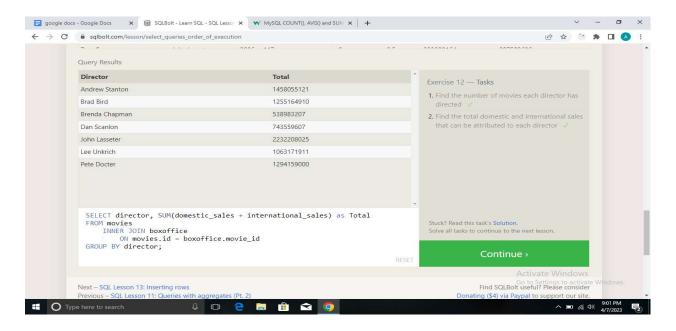
- 1. SELECT MAX(years employed) as longest time FROM employees;
- 2. SELECT role, AVG(years\_employed) FROM employees GROUP BY role;
- 3. SELECT building, SUM(years\_employed) FROM employees GROUP BY building;



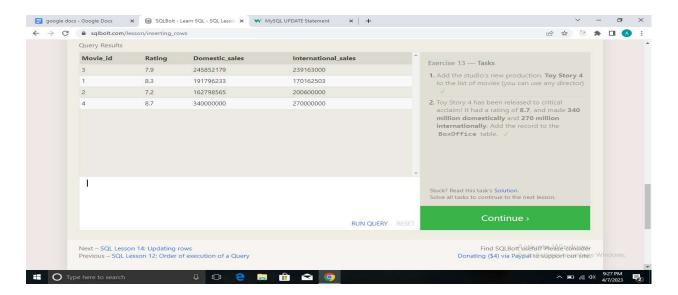
- 1. SELECT role, COUNT(\*) FROM employees WHERE role = "Artist";
- 2. SELECT role, COUNT(\*) FROM employees GROUP BY role;
- 3. SELECT SUM (years employed) FROM employees WHERE role='Engineer';



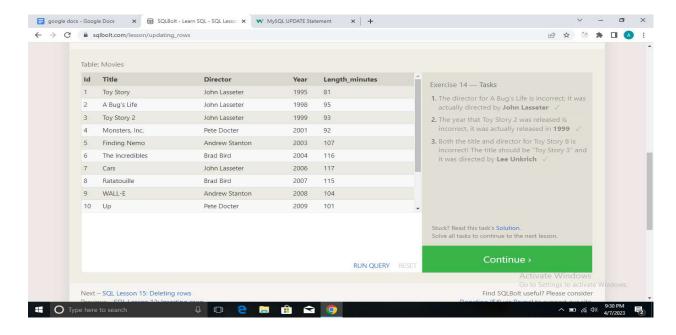
- 1. SELECT director, SUM(id) FROM movies GROUP BY director;
- SELECT director, SUM(domestic\_sales + international\_sales) as Total FROM movies INNER JOIN boxoffice ON movies.id = boxoffice.movie\_id GROUP BY director;



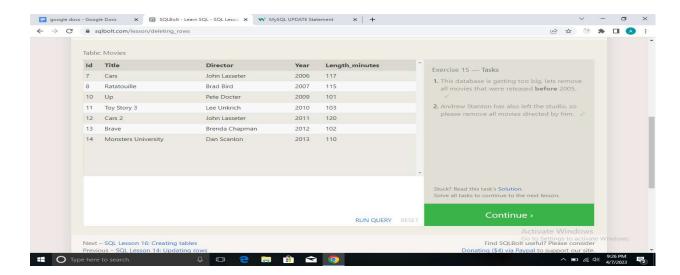
- 1. INSERT INTO movies VALUES (4, "Toy Story 4", "Brad Bird", 2023, 97);
- 2. INSERT INTO boxoffice VALUES (4, 8.7, 340000000, 270000000);



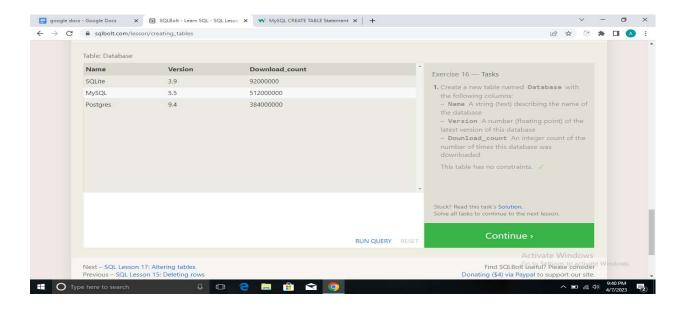
- 1. UPDATE movies SET director = "John Lasseter" WHERE id = 2;
- 2. UPDATE movies SET year = 1999 WHERE id = 3;
- 3. UPDATE movies
  SET title = "Toy Story 3", director = "Lee Unkrich" WHERE id = 11;



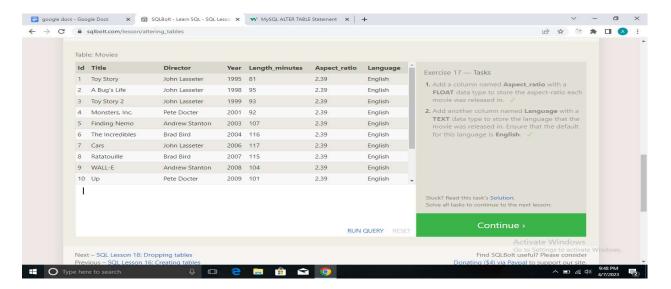
- 1. DELETE FROM Movies WHERE year < 2005;
- 2. DELETE FROM Movies WHERE Director ="Andrew Stanton";



 CREATE TABLE Database ( Name varchar(255), Version int, Download\_count varchar(255));



- 1. ALTER TABLE Movies ADD COLUMN Aspect ratio float default 4.8;
- 2. ALTER TABLE Movies ADD COLUMN Language varchar(255) default "English";



- 1. DROP TABLE Movies;
- 2. DROP TABLE Boxoffice;

