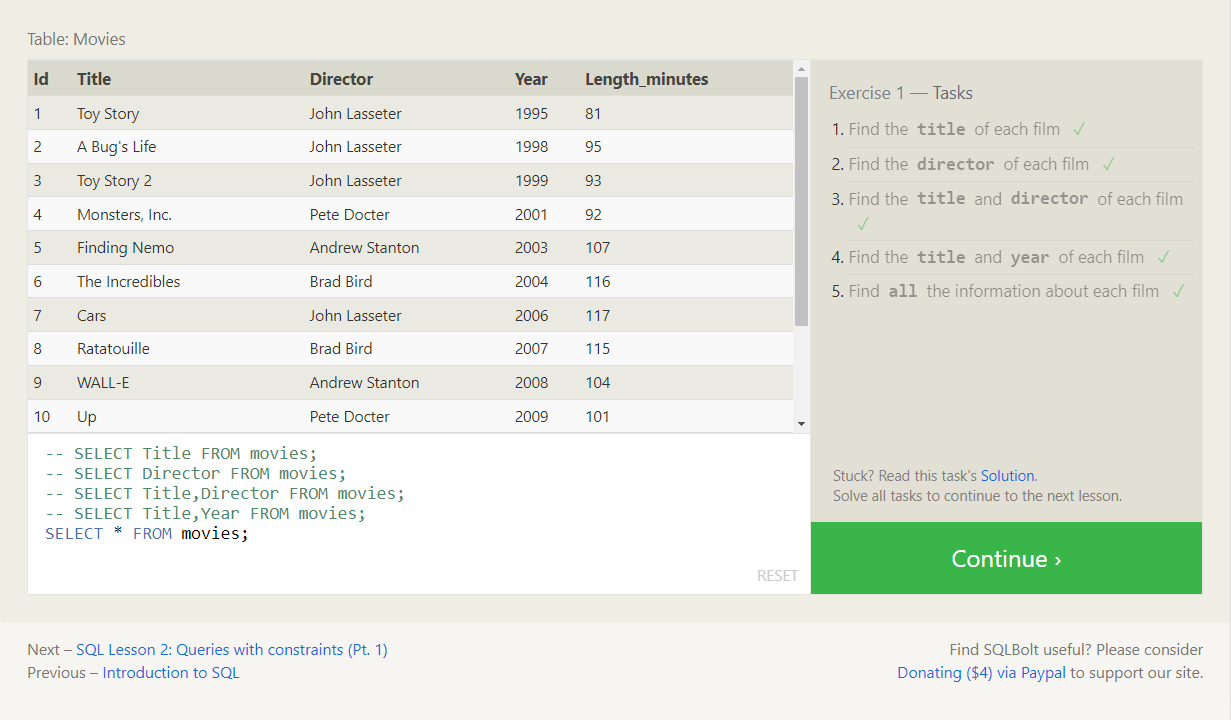
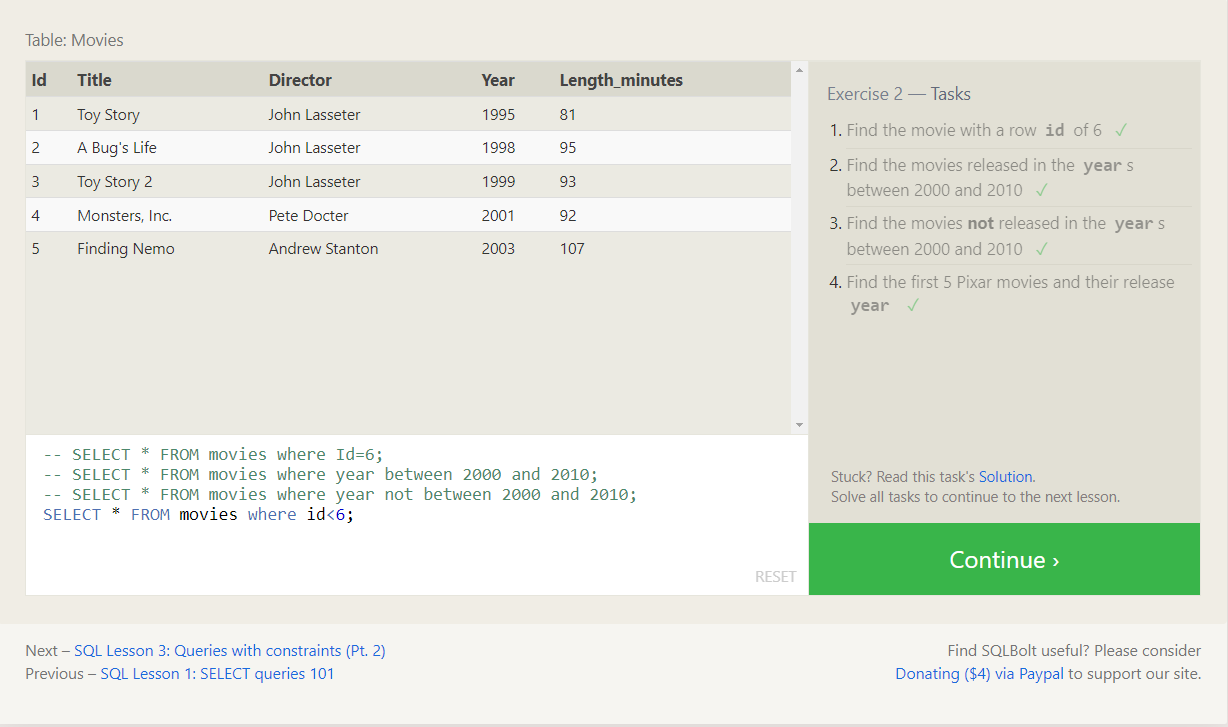
LESSON 1:



QUERIES:

1. SELECT Title FROM movies;
2. SELECT Director From Movies
3. SELECT Director,Title FROM Movies;
4. SELECT Title,Year FROM Movies;
5. SELECT \* FROM Movies;

LESSON 2:



QUERIES

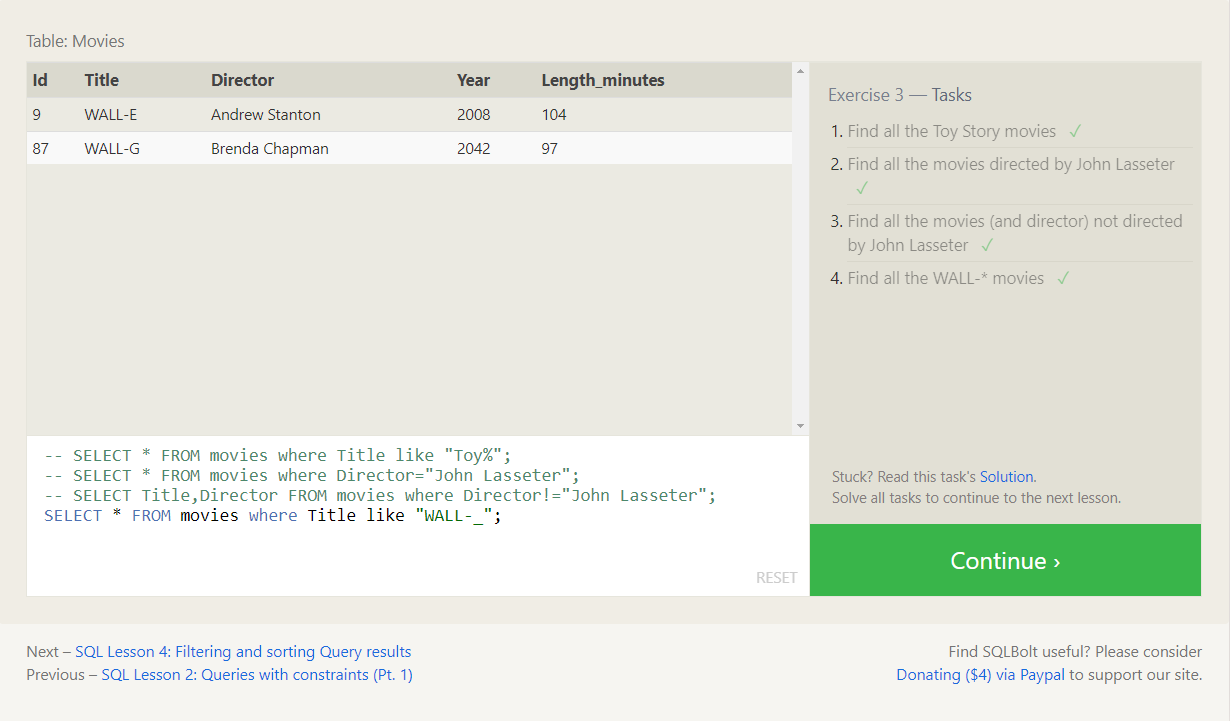
SELECT \* FROM movies Where Id=6;

SELECT \* FROM Movies Where Year Between 2000 AND 2010;

SELECT \* FROM Movies Where Year NOT Between 2000 AND 2010;

SELECT \* FROM Movies WHERE Id<6;

LESSON 3



QUERIES:

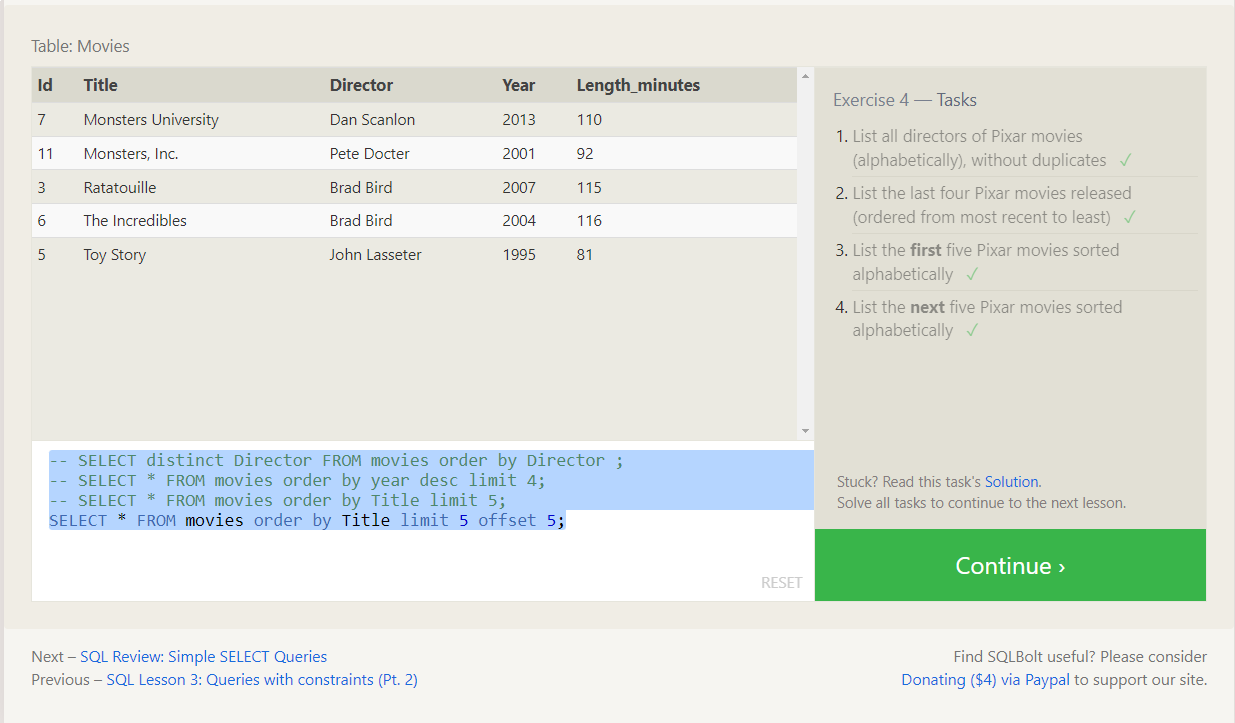
SELECT \* FROM movies WHERE Title Like "Toy%";

SELECT \* FROM Movies Where Director="John Lasseter";

SELECT Title,Director FROM Movies Where Director!="John Lasseter";

SELECT \* FROM Movies Where Title Like "WALL-%"

LESSON 4



QUERIES:

SELECT distinct Director FROM movies order by Director ;

SELECT \* FROM movies order by year desc limit 4;

SELECT \* FROM movies order by Title limit 5;

SELECT \* FROM movies order by Title limit 5 offset 5;

LESSON 5



QUERIES:

SELECT \* FROM north\_american\_cities where Country="Canada";

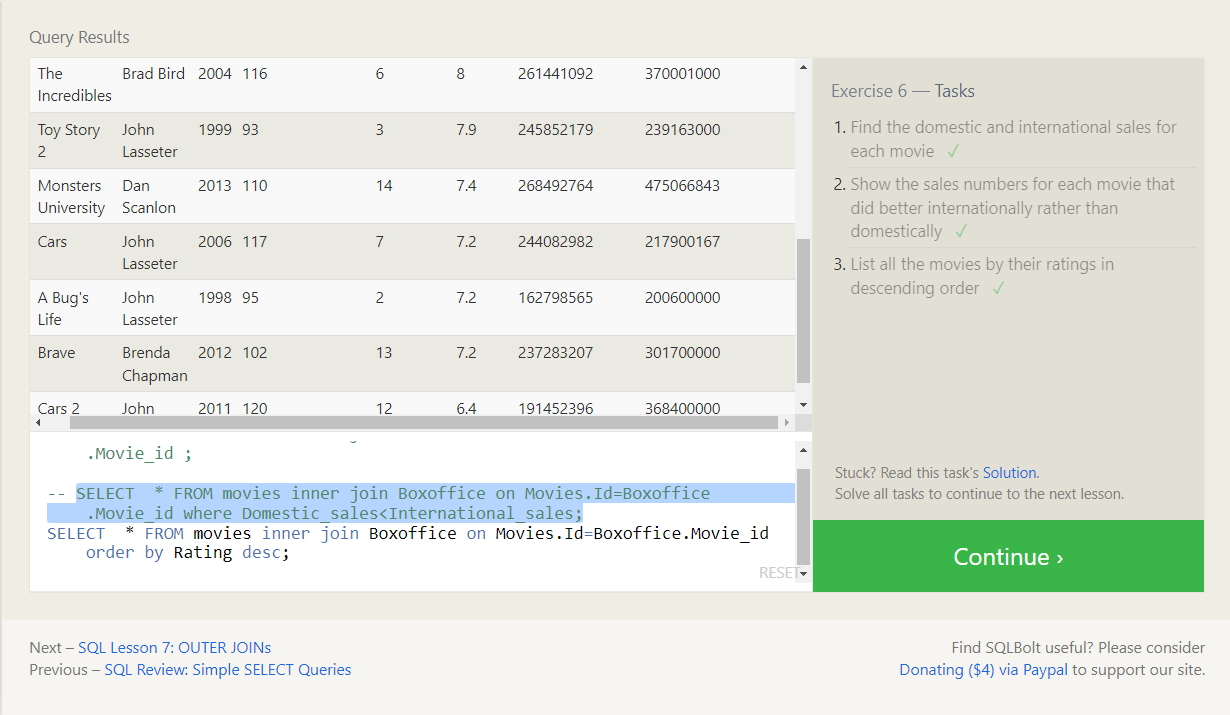
SELECT \* FROM north\_american\_cities where Country="United States" order by latitude desc;

SELECT \* FROM north\_american\_cities where longitude<-87.629798 order by longitude ;

SELECT \* FROM north\_american\_cities where Country="Mexico" order by Population desc limit 2;

SELECT \* FROM north\_american\_cities where Country="United States" order by Population desc limit 2 offset 2;

LESSON 6



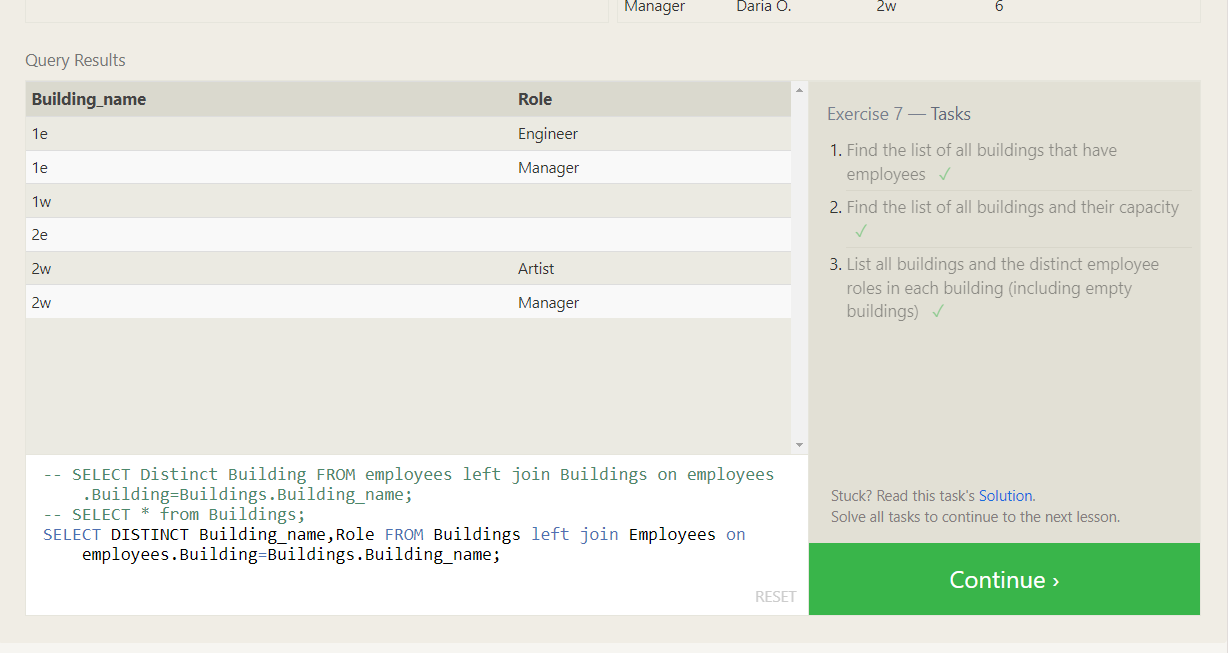
QUERIES:

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 Domestic\_sales<International\_sales;

SELECT \* FROM movies inner join Boxoffice on Movies.Id=Boxoffice.Movie\_id order by Rating desc;

LESSON 7



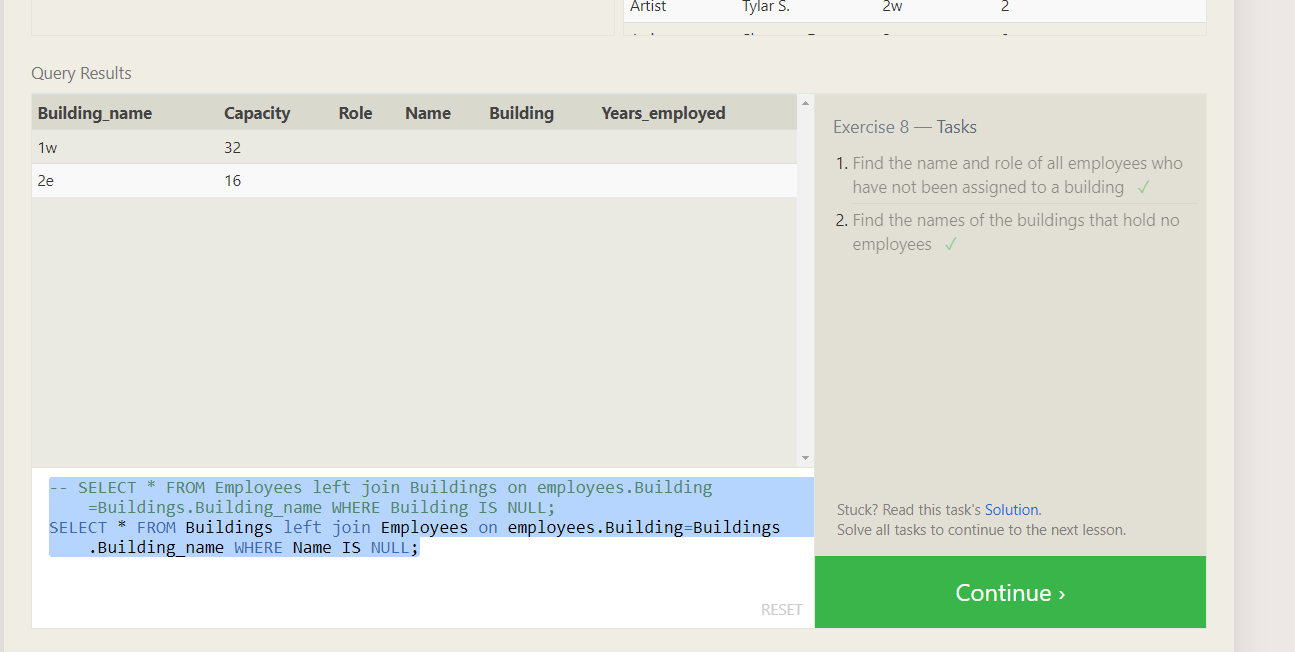
QUERIES:

SELECT Distinct Building FROM employees left join Buildings on employees.Building=Buildings.Building\_name;

SELECT \* from Buildings;

SELECT DISTINCT Building\_name,Role FROM Buildings left join Employees on employees.Building=Buildings.Building\_name;

LESSON 8

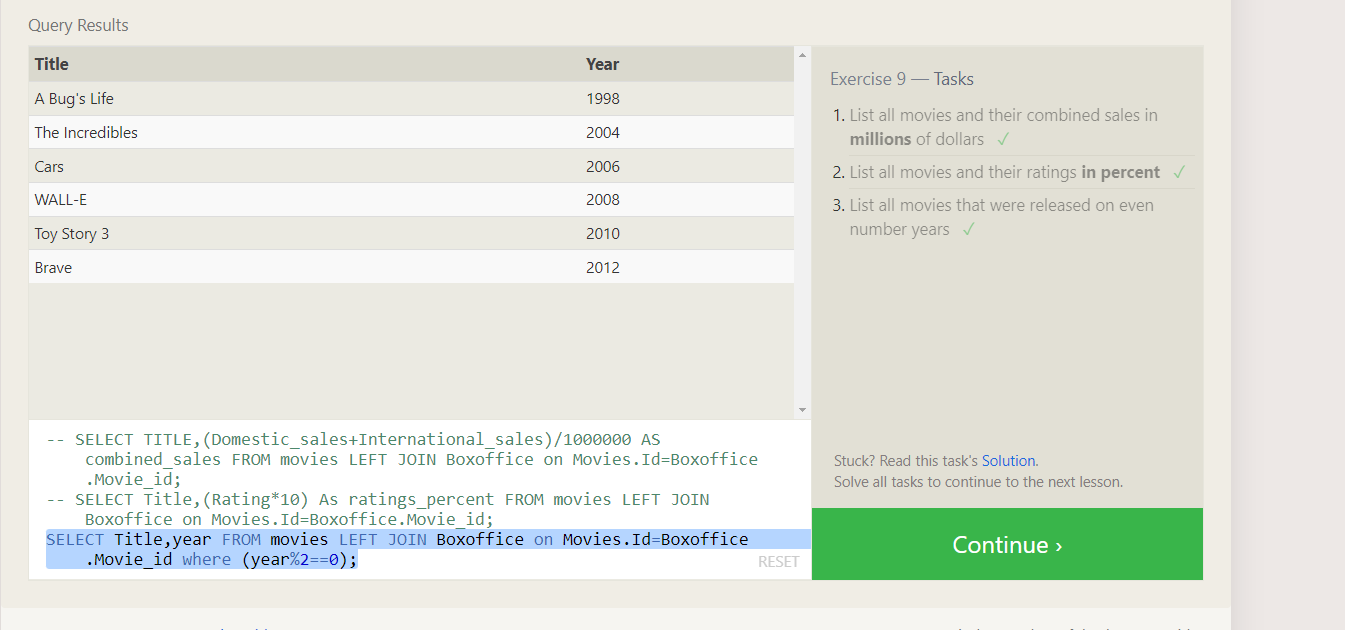


QUERIES:

SELECT \* FROM Employees left join Buildings on employees.Building=Buildings.Building\_name WHERE Building IS NULL;

SELECT \* FROM Buildings left join Employees on employees.Building=Buildings.Building\_name WHERE Name IS NULL;

LESSON 9



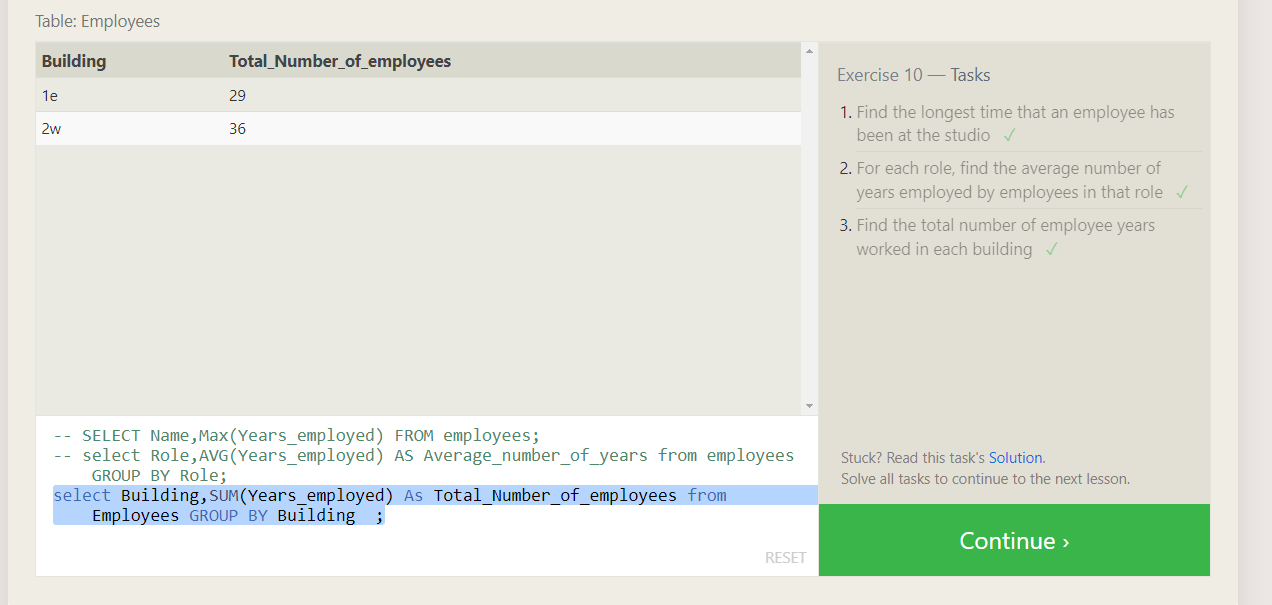
QUERIES:

SELECT TITLE,(Domestic\_sales+International\_sales)/1000000 AS combined\_sales FROM movies LEFT JOIN Boxoffice on Movies.Id=Boxoffice.Movie\_id;

SELECT Title,(Rating\*10) As ratings\_percent FROM movies LEFT JOIN Boxoffice on Movies.Id=Boxoffice.Movie\_id;

SELECT Title,year FROM movies LEFT JOIN Boxoffice on Movies.Id=Boxoffice.Movie\_id where (year%2==0);

LESSON 10



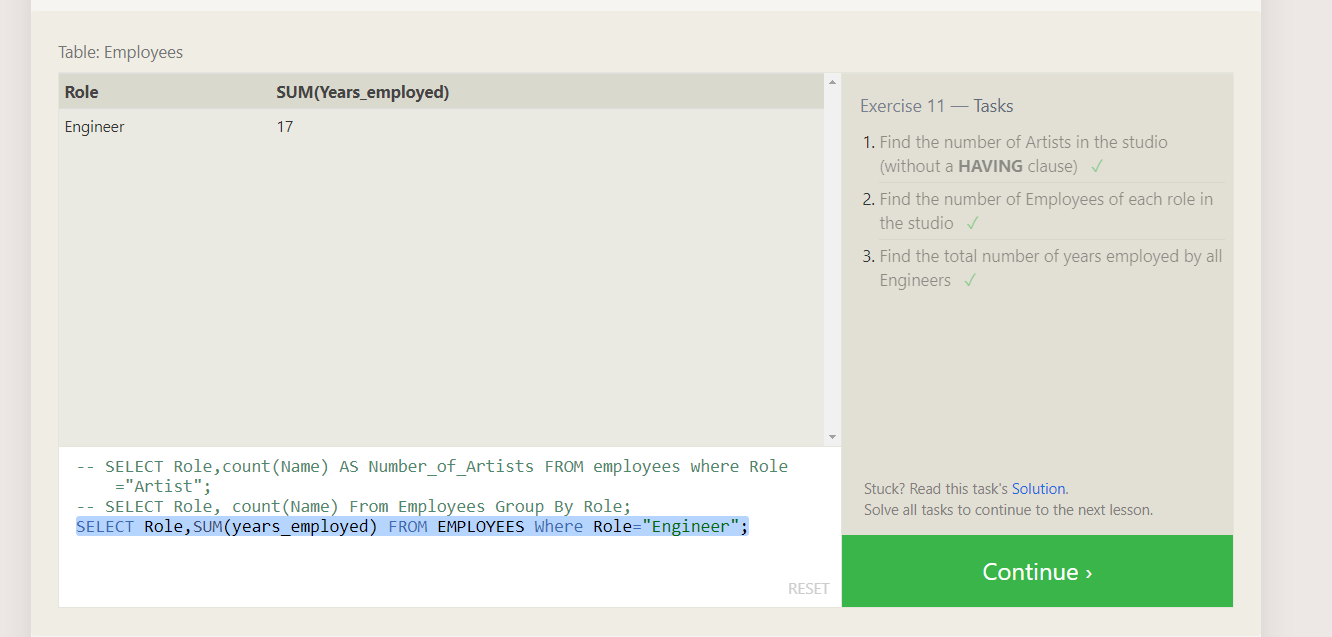
QUERIES:

SELECT Name,Max(Years\_employed) FROM employees;

select Role,AVG(Years\_employed) AS Average\_number\_of\_years from employees GROUP BY Role;

select Building,SUM(Years\_employed) As Total\_Number\_of\_employees from Employees GROUP BY Building ;

LESSON 11



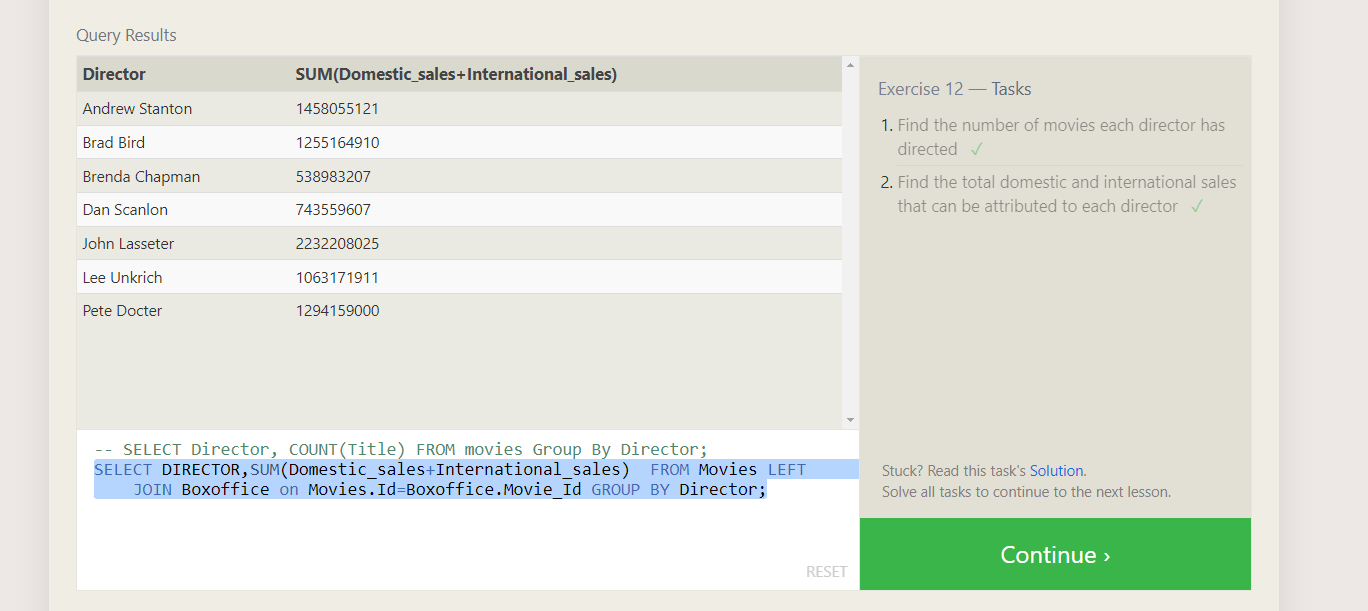
QUERIES:

SELECT Role,count(Name) AS Number\_of\_Artists FROM employees where Role="Artist";

SELECT Role, count(Name) From Employees Group By Role;

SELECT Role,SUM(years\_employed) FROM EMPLOYEES Where Role="Engineer";

LESSON 12

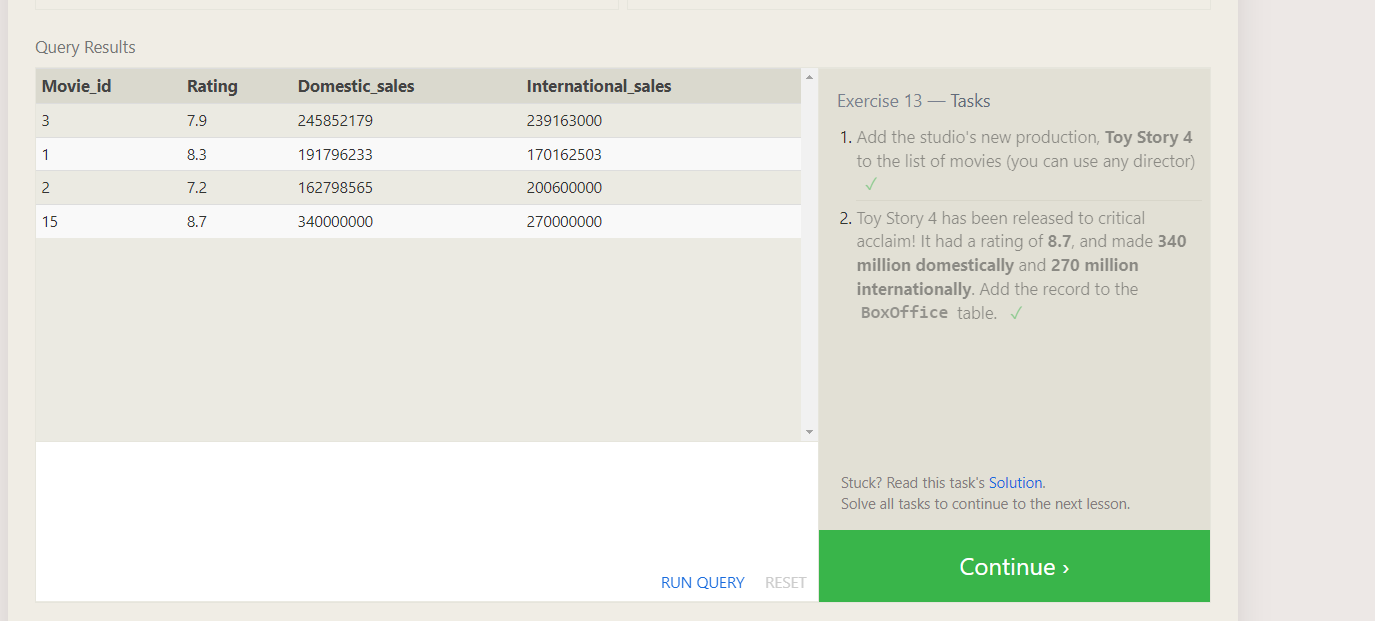


QUERIES:

SELECT Director, COUNT(Title) FROM movies Group By Director;

SELECT DIRECTOR,SUM(Domestic\_sales+International\_sales) FROM Movies LEFT JOIN Boxoffice on Movies.Id=Boxoffice.Movie\_Id GROUP BY Director;

LESSON 13



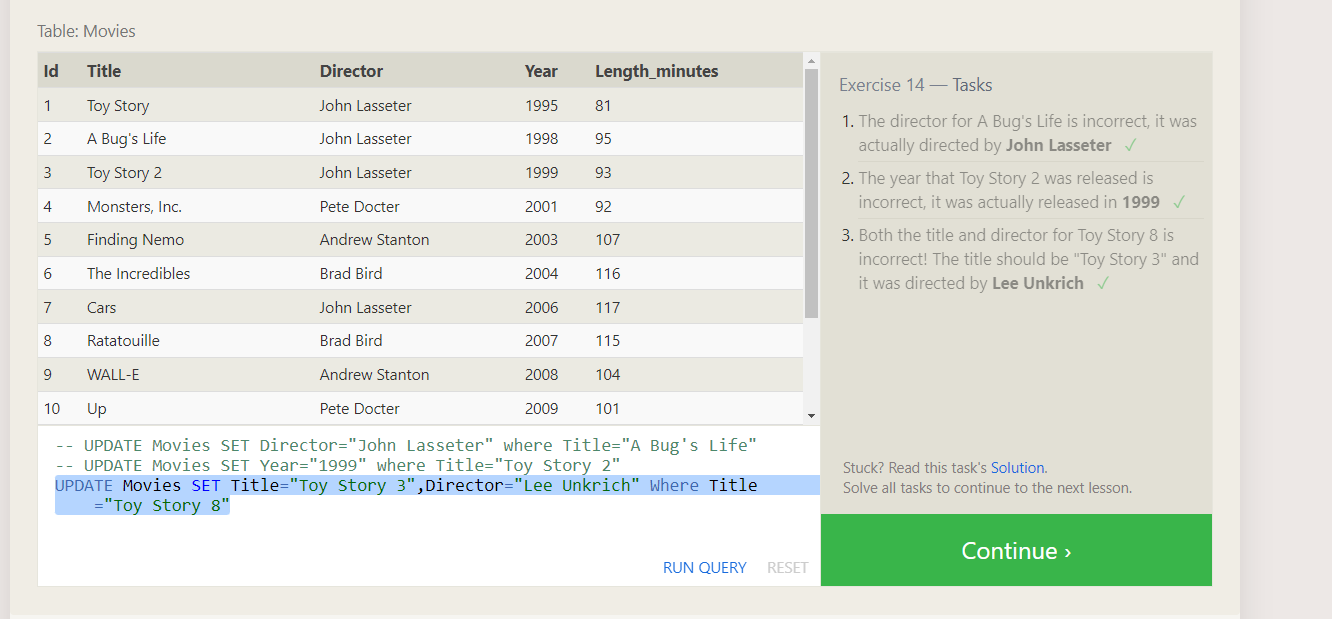
QUERIES:

INSERT INTO movies (Title, Director, Year, Length\_minutes)

VALUES ('Toy Story 4', 'Josh Cooley', 2019, 1000);

INSERT INTO Boxoffice (Movie\_id,Rating,Domestic\_sales,International\_sales) VALUES(15,8.7,340000000,270000000)

LESSON 14



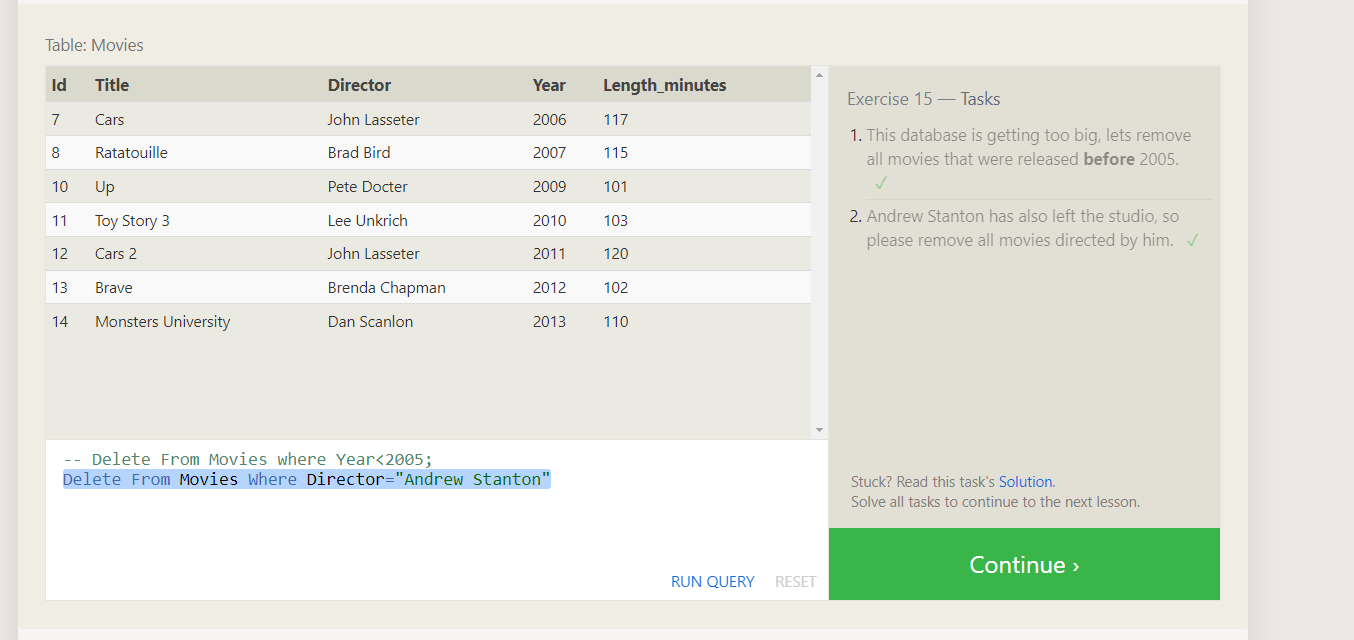
QUERIES:

UPDATE Movies SET Director="John Lasseter" where Title="A Bug's Life"

UPDATE Movies SET Year="1999" where Title="Toy Story 2"

UPDATE Movies SET Title="Toy Story 3",Director="Lee Unkrich" Where Title="Toy Story 8"

LESSON 15

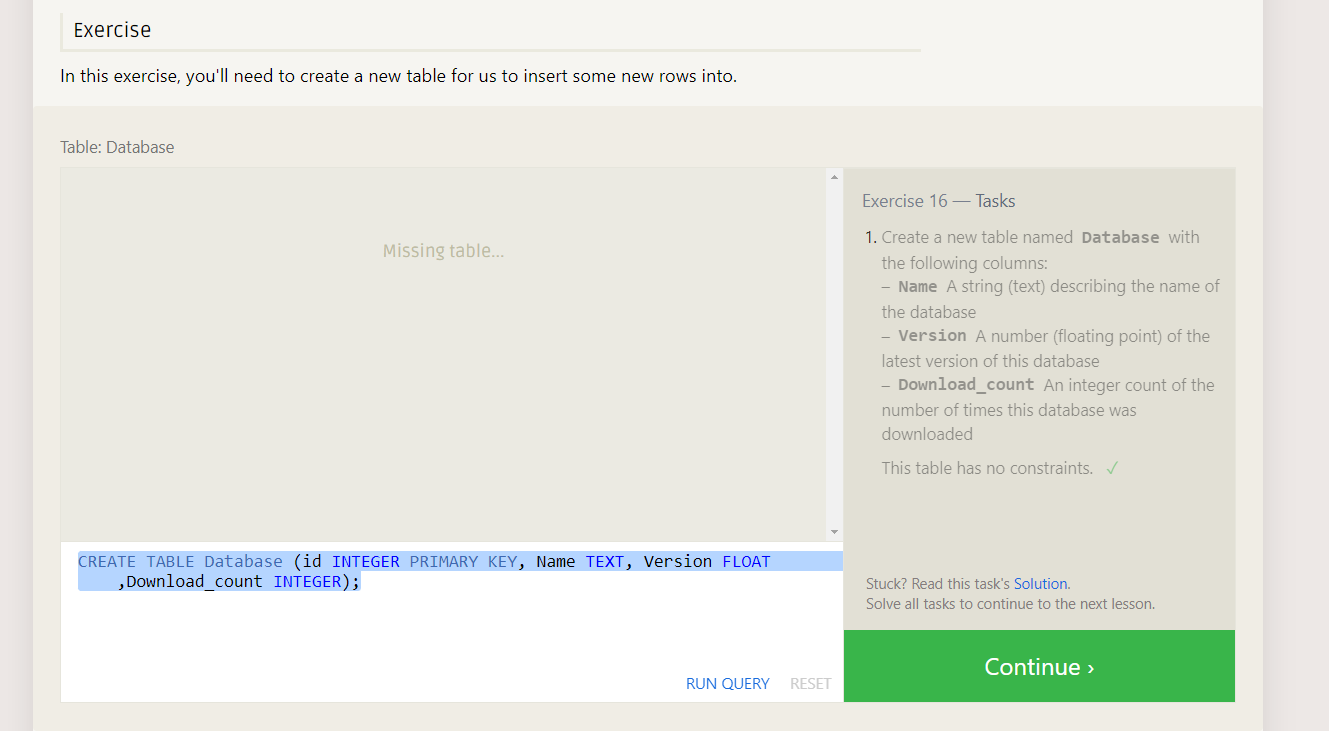


QUERIES:

Delete From Movies where Year<2005;

Delete From Movies Where Director="Andrew Stanton"

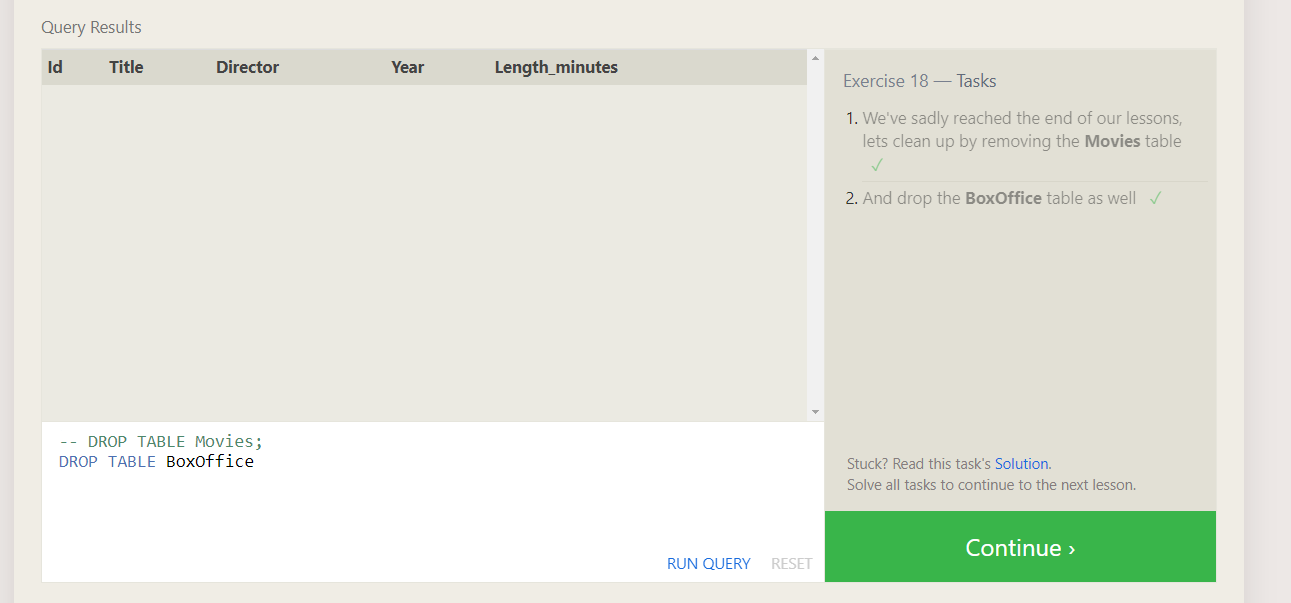
LESSON 16



QUERIES:

CREATE TABLE Database (id INTEGER PRIMARY KEY, Name TEXT, Version FLOAT,Download\_count INTEGER);

LESSON 17

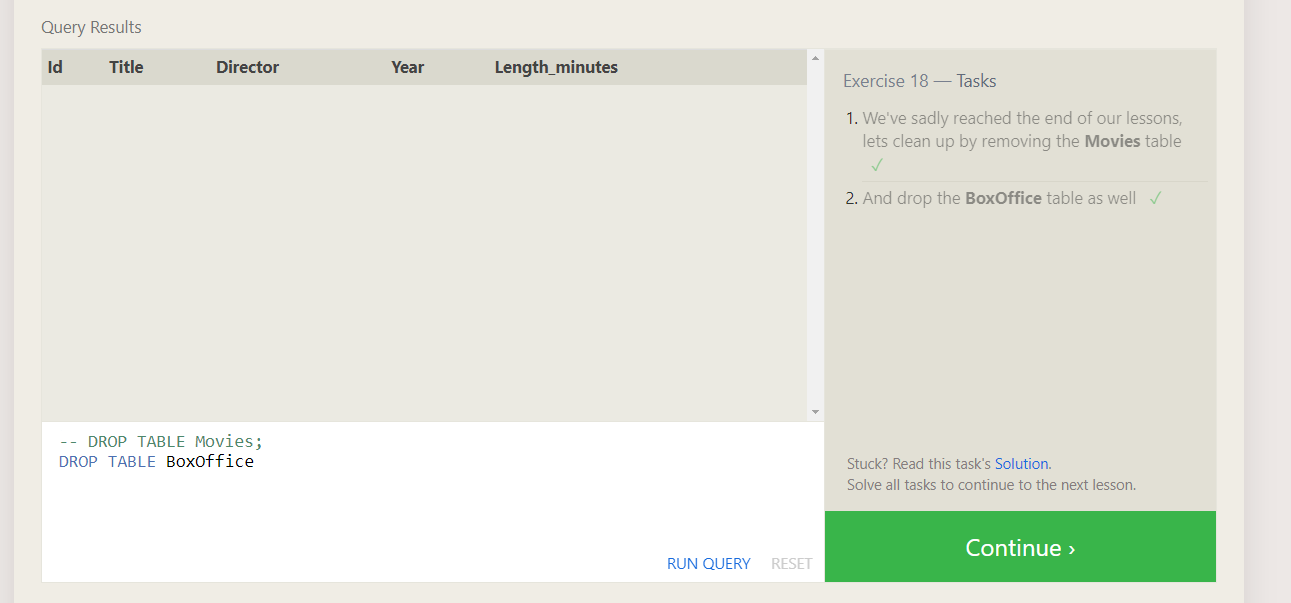


QUERIES:

ALTER TABLE Movies ADD Aspect\_ratio FLOAT;

ALTER TABLE Movies ADD Language TEXT DEFAULT "English";

LESSON 18



QUERIES:

DROP TABLE Movies;

DROP TABLE BoxOffice;