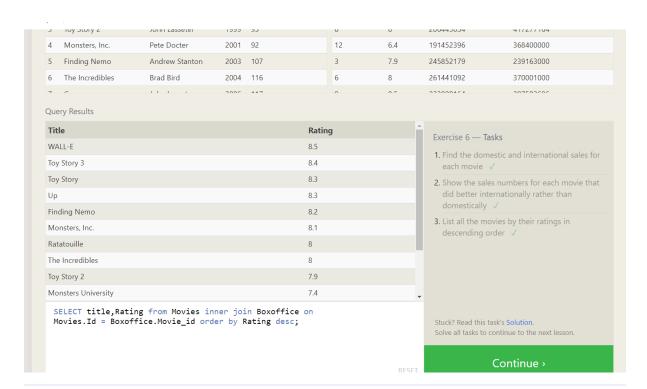
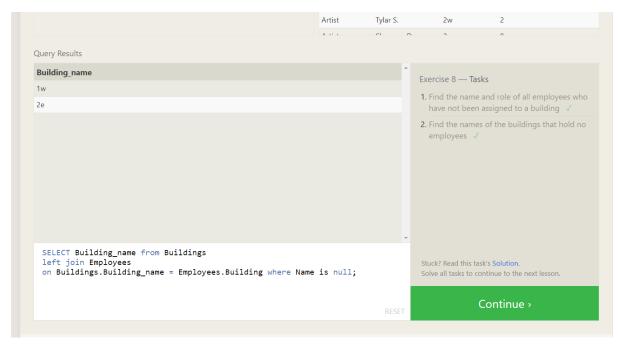


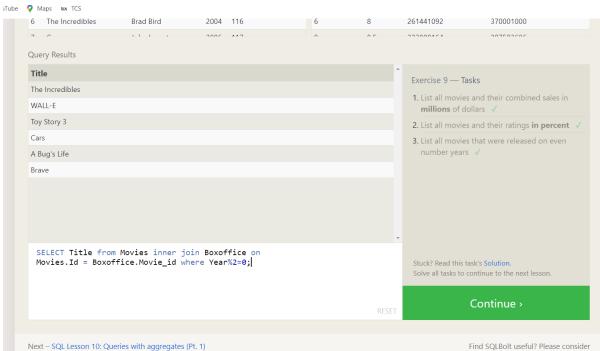
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ube 💡 Maps 🐯 TCS Malcom S. Engineer 1e Artist Tylar S. 2w 2 Query Results Building\_name Role Exercise 7 — Tasks 1e Engineer 1. Find the list of all buildings that have 1e Manager employees v 2. Find the list of all buildings and their capacity 2e 3. List all buildings and the distinct employee 2w Artist roles in each building (including empty 2w Manager select distinct(Building\_name), Role from Buildings Stuck? Read this task's Solution. Employees on Buildings.Building\_name = Employees.Building; Solve all tasks to continue to the next lesson. Continue >





metrics about the teams. Go ahead and give it a shot.

# Table: Employees

Building	'Total Number Of Employee Years'	ĺ
1e	29	
2w	36	

## Exercise 10 — Tasks

- 1. Find the longest time that an employee has been at the studio  $\ \ \checkmark$
- 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 ✓

select Building, sum(Years\_employed) as ['total number of employee years']
from Employees group by Building;

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continuo

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Andrew Stanton 1458055121  Brad Bird 1255164910  Dead of the number of movies each director has directed √	Director	Sum(Domestic_sales) + Sum(International_sales)	^	Exercise 12 — Tasks		
Brad Bird 1255164910  Brenda Chapman 538983207  Dan Scanlon 743559607  John Lasseter 2232208025  Lee Unkrich 1063171911  Pete Docter 1294159000  select Director, sum(Domestic_sales) + sum(International_sales) from Movies inner join Boxoffice on Movies.Id = Boxoffice.Movie_id Stuck? Read this task's Solution.	Andrew Stanton	1458055121				
Dan Scanlon 743559607  John Lasseter 2232208025  Lee Unkrich 1063171911  Pete Docter 1294159000  select Director, sum(Domestic_sales) + sum(International_sales) from Movies inner join Boxoffice on Movies.Id = Boxoffice.Movie_id  Stuck? Read this task's Solution.	Brad Bird	1255164910				
John Lasseter 2232208025  Lee Unkrich 1063171911  Pete Docter 1294159000  select Director, sum(Domestic_sales) + sum(International_sales) from Movies inner join Boxoffice on Movies.Id = Boxoffice.Movie_id Stuck? Read this task's Solution.	Brenda Chapman	538983207		2. Find the total domestic and international sale		
Lee Unkrich 1063171911  Pete Docter 1294159000  select Director, sum(Domestic_sales) + sum(International_sales) from Movies inner join Boxoffice on Movies.Id = Boxoffice.Movie_id  Stuck? Read this task's Solution.	Dan Scanlon	743559607		that can be attributed to each director $\ \ \checkmark$		
Pete Docter 1294159000  select Director, sum(Domestic_sales) + sum(International_sales) from Movies inner join Boxoffice on Movies.Id = Boxoffice.Movie_id	John Lasseter	2232208025				
<pre>select Director, sum(Domestic_sales) + sum(International_sales) from Movies inner join Boxoffice on Movies.Id = Boxoffice.Movie_id</pre> Stuck? Read this task's Solution.	Lee Unkrich	1063171911				
from Movies inner join Boxoffice on Movies.Id = Boxoffice.Movie_id Stuck? Read this task's Solution.	Pete Docter	1294159000				

In this exercise, you'll need to create a new table for us to insert some new rows into.

### Table: Database

Name	Version	Download_count
SQLite	3.9	92000000
MySQL	5.5	512000000
Postares	9.4	384000000

### Exercise 16 — Tasks

- 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.  $\checkmark$ 

Stuck? Read this task's Solution. Solve all tasks to continue to the next lesson.

Continue >

RUN QUERY RESET

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downright easy to irrevocably remove data, so always read your **DELETE** statements twice and execute once.

### Exercise

The database needs to be cleaned up a little bit, so try and delete a few rows in the tasks below.

## Table: Movies

ld	Title	Director	Year	Length_minutes	^
7	Cars	John Lasseter	2006	117	
8	Ratatouille	Brad Bird	2007	115	
9	WALL-E	Andrew Stanton	2008	104	
10	Up	Pete Docter	2009	101	
11	Toy Story 3	Lee Unkrich	2010	103	
12	Cars 2	John Lasseter	2011	120	
13	Brave	Brenda Chapman	2012	102	
14	Monsters University	Dan Scanlon	2013	110	

Delete from movies where Director = 'Andrew Stanton';

## Exercise 15 — Tasks

- 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.

Stuck? Read this task's Solution. Solve all tasks to continue to the next lesson.

## Exercise

Our exercises use an implementation that only support adding new columns, so give that a try below.

Table: Movies

1

Id	Title	Director	Year	Length_minutes	Aspect_ratio	Language
1	Toy Story	John Lasseter	1995	81		'English'
2	A Bug's Life	John Lasseter	1998	95		'English'
3	Toy Story 2	John Lasseter	1999	93		'English'
4	Monsters, Inc.	Pete Docter	2001	92		'English'
5	Finding Nemo	Andrew Stanton	2003	107		'English'
6	The Incredibles	Brad Bird	2004	116		'English'
7	Cars	John Lasseter	2006	117		'English'
8	Ratatouille	Brad Bird	2007	115		'English'
9	WALL-E	Andrew Stanton	2008	104		'English'
10	Up	Pete Docter	2009	101		'English'

### Exercise 17 — Tasks

- 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. 

  √

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

In this exercise, you'll need to create a new table for us to insert some new rows into.

Table: Database

Name	Version	Download_count
SQLite	3.9	92000000
MySQL	5.5	512000000
Postgres	9.4	384000000

## Exercise 16 — Tasks

- 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. ✓

Stuck? Read this task's **Solution**.
Solve all tasks to continue to the next lesson.

Continue

RUN QUERY RESET

Query Results

Id Title Director Year Length\_minutes

Exercise 18 — Tasks

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 

Stuck? Read this task's Solution. Solve all tasks to continue to the next lesson.

RUN QUERY RESET

Next – SQL Lesson X: To infinity and beyond! Previous – SQL Lesson 17: Altering tables

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