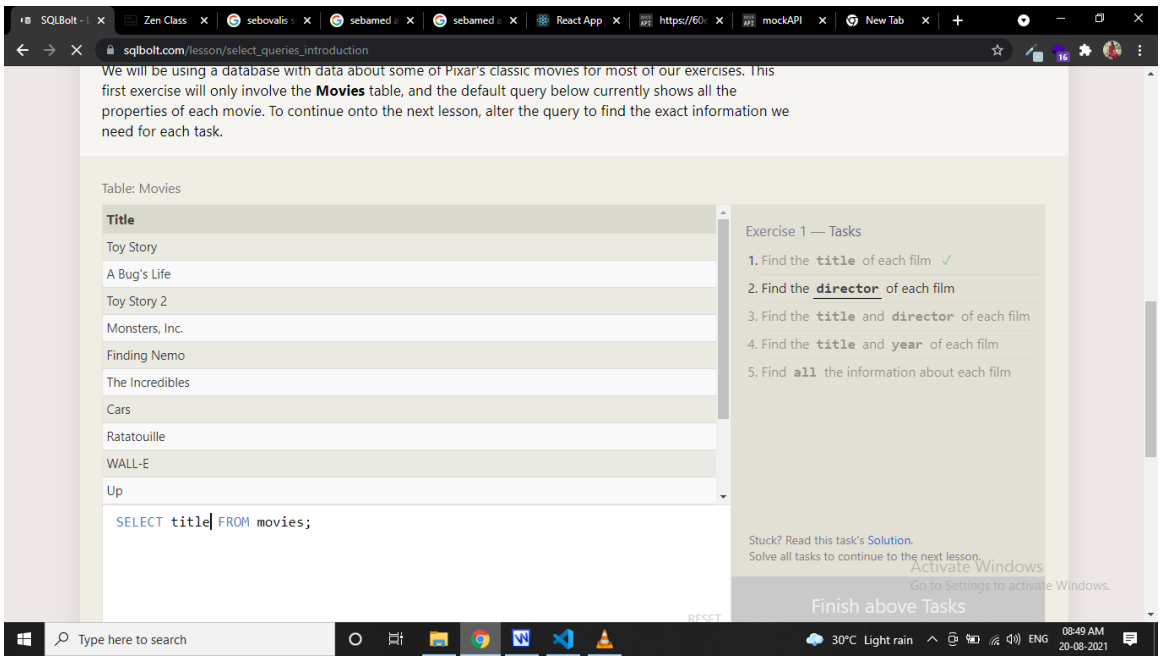
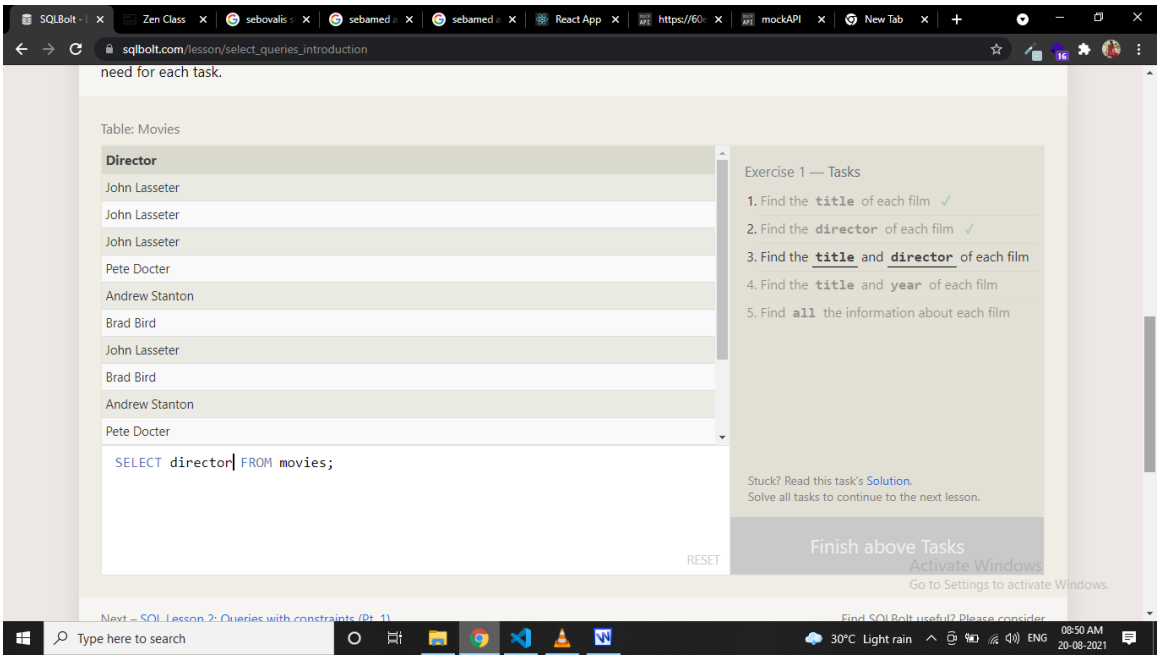
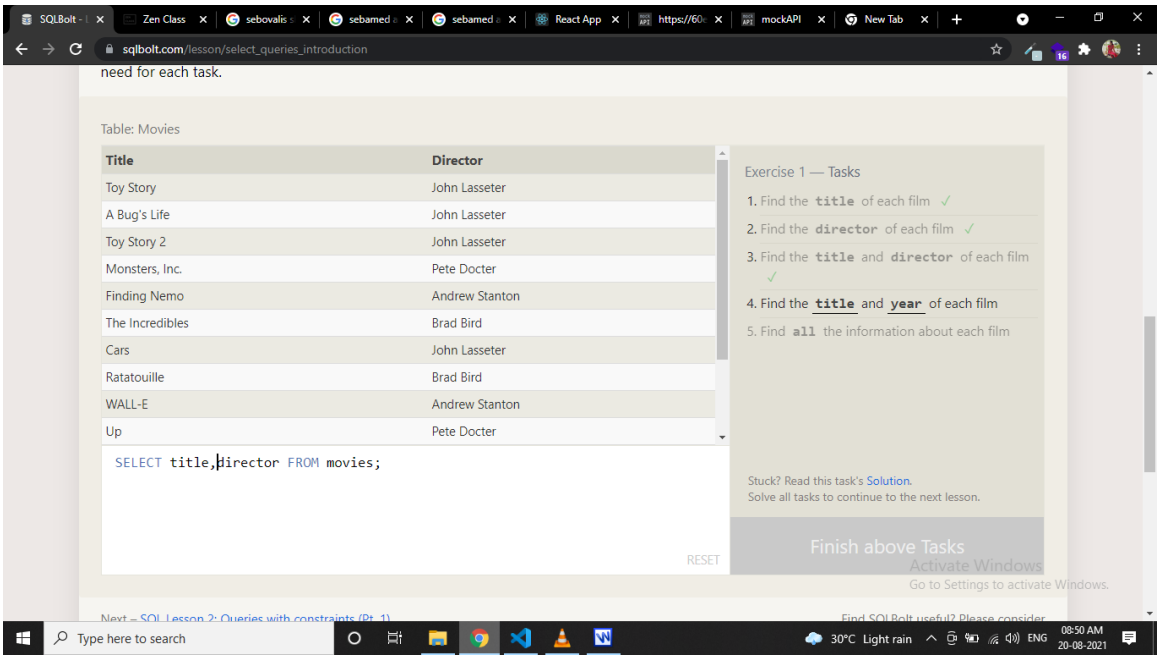
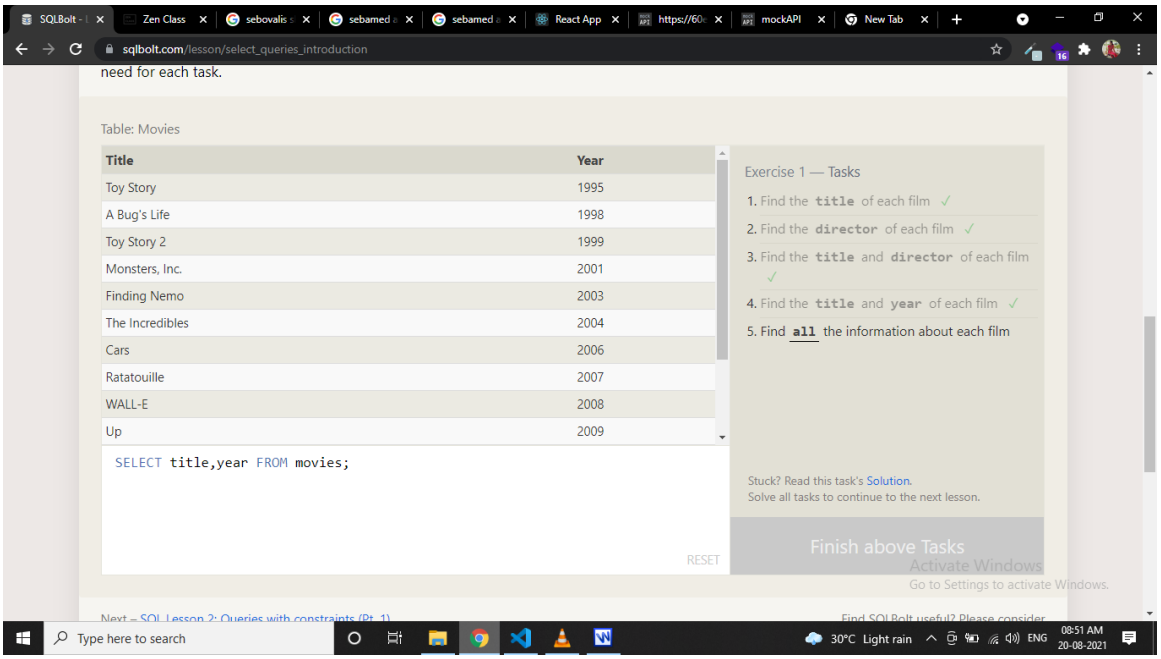
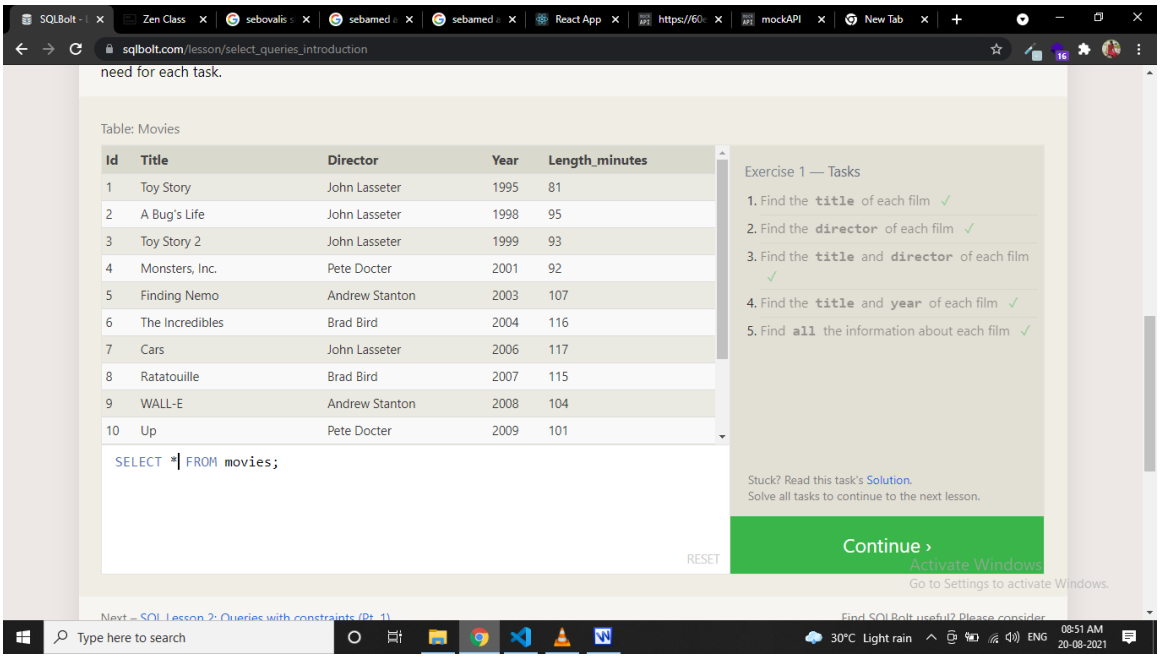
Select:


sqlbolt.com/lesson/select_queries_introduction
We will be using a database with data about some of Pixar's classic movies for most of our exercises. This first exercise will only involve the **Movies** table, and the default query below currently shows all the properties of each movie. To continue onto the next lesson, alter the query to find the exact information we need for each task.
Table: Movies
Title
Toy Story
A Bug's Life
Toy Story 2
Monsters, Inc.
Finding Nemo
The Incredibles
Cars
Ratatouille
WALL-E
Up
SELECT title FROM movies;
Exercise 1 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Type here to search
30°C Light rain
ENG
08:49 AM
20-08-2021

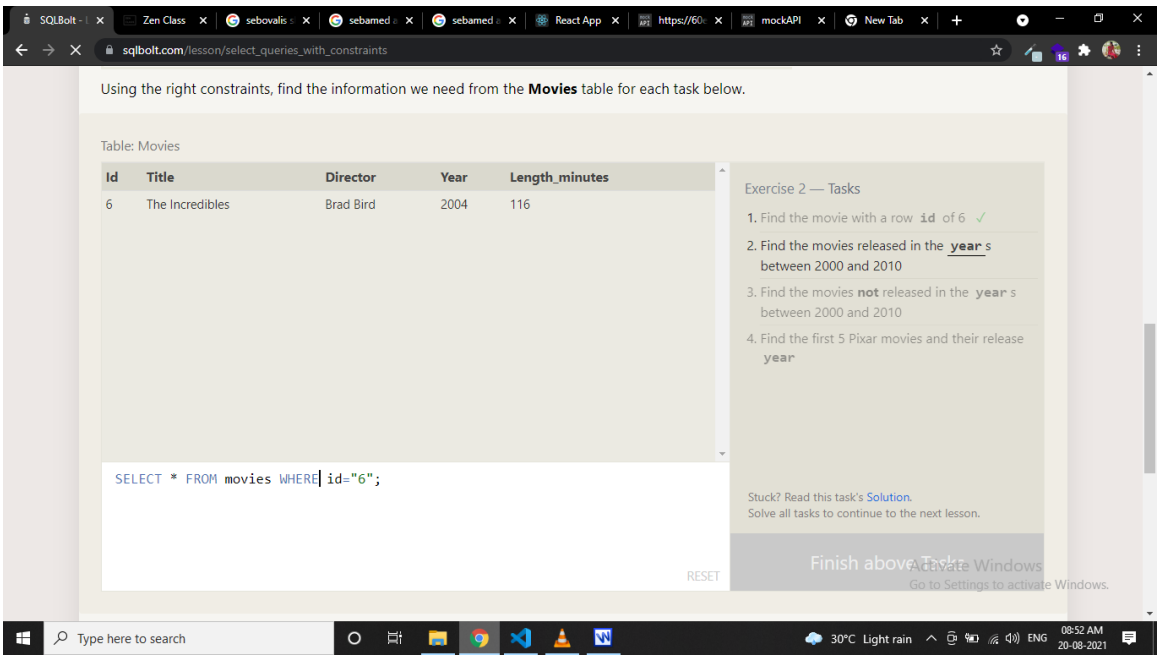

sqlbolt.com/lesson/select_queries_introduction
need for each task.
Table: Movies
Director
John Lasseter
John Lasseter
John Lasseter
Pete Docter
Andrew Stanton
Brad Bird
John Lasseter
Brad Bird
Andrew Stanton
Pete Docter
SELECT director FROM movies;
Exercise 1 — Tasks
1. Find the title of each film
2. 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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Type here to search
30°C Light rain
ENG
08:50 AM
20-08-2021

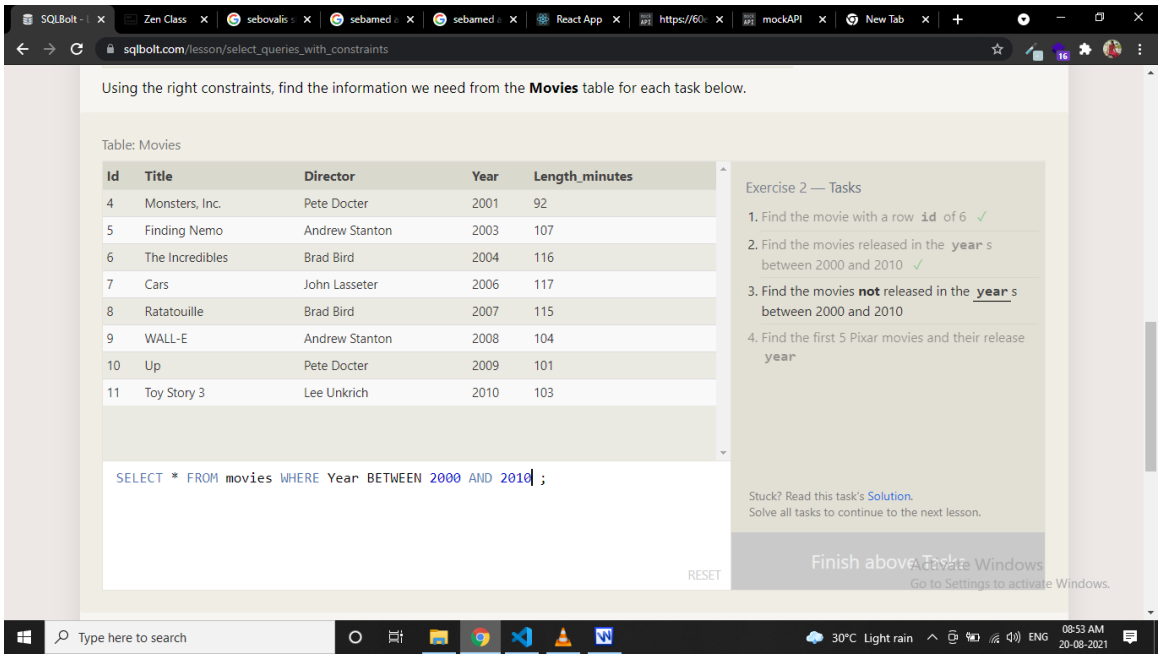

sqlbolt.com/lesson/select_queries_introduction
need for each task.
Table: Movies
Title
Director
Toy Story
John Lasseter
A Bug's Life
John Lasseter
Toy Story 2
John Lasseter
Monsters, Inc.
Pete Docter
Finding Nemo
Andrew Stanton
The Incredibles
Brad Bird
Cars
John Lasseter
Ratatouille
Brad Bird
WALL-E
Andrew Stanton
Up
Pete Docter
SELECT title,director FROM movies;
RESET
Exercise 1 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Activate Windows
Go to Settings to activate Windows.
Type here to search
30°C Light rain
ENG
08:50 AM
20-08-2021

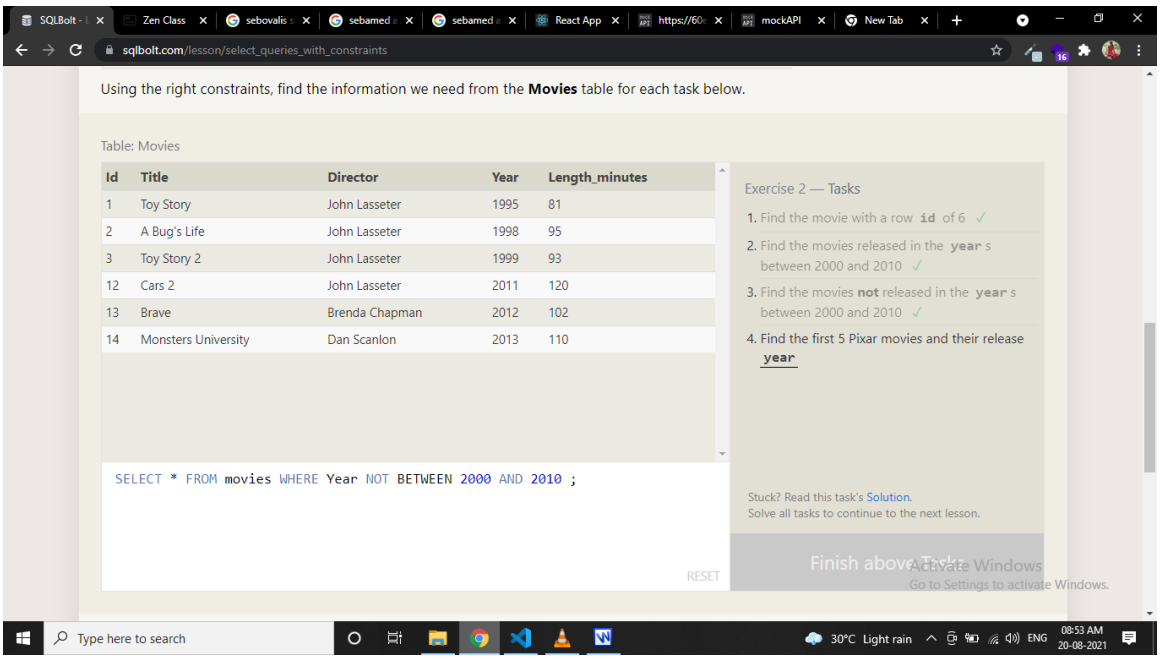

sqlbolt.com/lesson/select_queries_introduction
need for each task.
Table: Movies
Title
Year
Toy Story
1995
A Bug's Life
1998
Toy Story 2
1999
Monsters, Inc.
2001
Finding Nemo
2003
The Incredibles
2004
Cars
2006
Ratatouille
2007
WALL-E
2008
Up
2009
SELECT title,year FROM movies;
RESET
Exercise 1 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Activate Windows
Go to Settings to activate Windows.
Type here to search
30°C Light rain
ENG
08:51 AM
20-08-2021

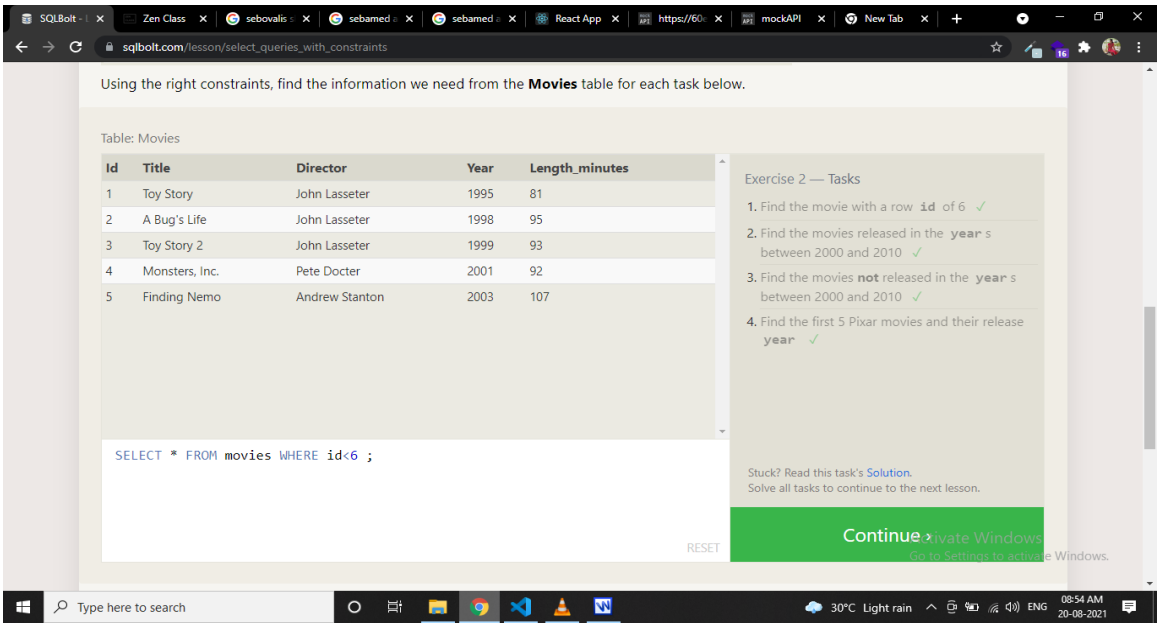

sqlbolt.com/lesson/select_queries_introduction
need for each task.
Table: Movies
Id Title Director Year Length_minutes
1 Toy Story John Lasseter 1995 81
2 A Bug's Life John Lasseter 1998 95
3 Toy Story 2 John Lasseter 1999 93
4 Monsters, Inc. Pete Docter 2001 92
5 Finding Nemo Andrew Stanton 2003 107
6 The Incredibles Brad Bird 2004 116
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
SELECT * FROM movies;
RESET
Exercise 1 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Continue ›
Activate Windows
Go to Settings to activate Windows.
Type here to search
30°C Light rain
ENG
08:51 AM
20-08-2021

Pt:1


sqlbolt.com/lesson/select_queries_with_constraints
Using the right constraints, find the information we need from the Movies table for each task below.
Table: Movies
Id Title Director Year Length_minutes
6 The Incredibles Brad Bird 2004 116
SELECT * FROM movies WHERE id="6";
RESET
Exercise 2 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Activate Windows
Go to Settings to activate Windows.
Type here to search
30°C Light rain
ENG
08:52 AM
20-08-2021


sqlbolt.com/lesson/select_queries_with_constraints
Using the right constraints, find the information we need from the **Movies** table for each task below.
Table: Movies
Id Title Director Year Length_minutes
4 Monsters, Inc. Pete Docter 2001 92
5 Finding Nemo Andrew Stanton 2003 107
6 The Incredibles Brad Bird 2004 116
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
SELECT * FROM movies WHERE Year BETWEEN 2000 AND 2010 ;
RESET
Exercise 2 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Task
Activate Windows
Go to Settings to activate Windows.
Type here to search
30°C Light rain
ENG
08:53 AM
20-08-2021


sqlbolt.com/lesson/select_queries_with_constraints
Using the right constraints, find the information we need from the **Movies** table for each task below.
Table: Movies
Id Title Director Year Length_minutes
1 Toy Story John Lasseter 1995 81
2 A Bug's Life John Lasseter 1998 95
3 Toy Story 2 John Lasseter 1999 93
12 Cars 2 John Lasseter 2011 120
13 Brave Brenda Chapman 2012 102
14 Monsters University Dan Scanlon 2013 110
SELECT * FROM movies WHERE Year NOT BETWEEN 2000 AND 2010 ;
RESET
Exercise 2 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Task
Activate Windows
Go to Settings to activate Windows.
Type here to search
30°C Light rain
ENG
08:53 AM
20-08-2021


sqlbolt.com/lesson/select_queries_with_constraints
Using the right constraints, find the information we need from the **Movies** table for each task below.
Table: Movies
Id Title Director Year Length_minutes
1 Toy Story John Lasseter 1995 81
2 A Bug's Life John Lasseter 1998 95
3 Toy Story 2 John Lasseter 1999 93
4 Monsters, Inc. Pete Docter 2001 92
5 Finding Nemo Andrew Stanton 2003 107
Exercise 2 — Tasks
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
SELECT * FROM movies WHERE id<6 ;
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
RESET
Continue ›
Activate Windows
Go to Settings to activate Windows.
Type here to search
30°C Light rain
ENG
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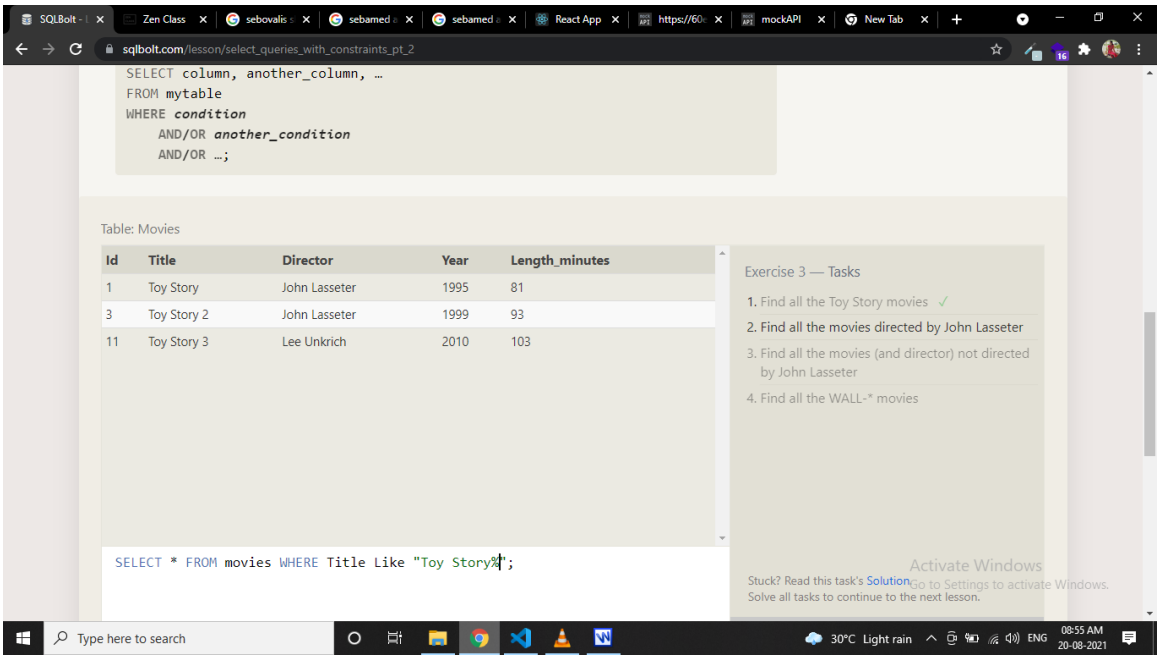
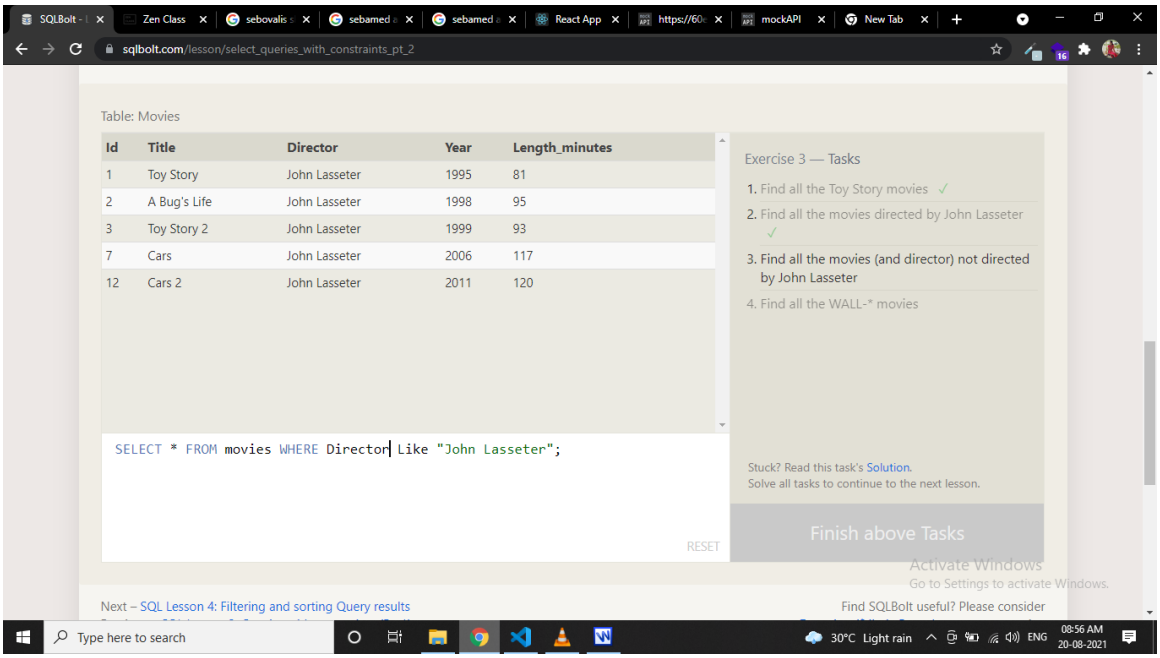
20-08-2021

Pt2:


sqlbolt.com/lesson/select_queries_with_constraints_pt_2
SELECT column, another_column, …
FROM mytable
WHERE condition
AND/OR another_condition
AND/OR …;
Table: Movies
Id Title Director Year Length_minutes
1 Toy Story John Lasseter 1995 81
3 Toy Story 2 John Lasseter 1999 93
11 Toy Story 3 Lee Unkrich 2010 103
Exercise 3 — Tasks
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
SELECT * FROM movies WHERE Title Like "Toy Story%";
Activate Windows
Go to Settings to activate Windows.
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Type here to search
30°C Light rain
ENG
08:55 AM
20-08-2021


sqlbolt.com/lesson/select_queries_with_constraints_pt_2
Table: Movies
Id Title Director Year Length_minutes
1 Toy Story John Lasseter 1995 81
2 A Bug's Life John Lasseter 1998 95
3 Toy Story 2 John Lasseter 1999 93
7 Cars John Lasseter 2006 117
12 Cars 2 John Lasseter 2011 120
Exercise 3 — Tasks
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
SELECT * FROM movies WHERE Director Like "John Lasseter";
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Next – SQL Lesson 4: Filtering and sorting Query results
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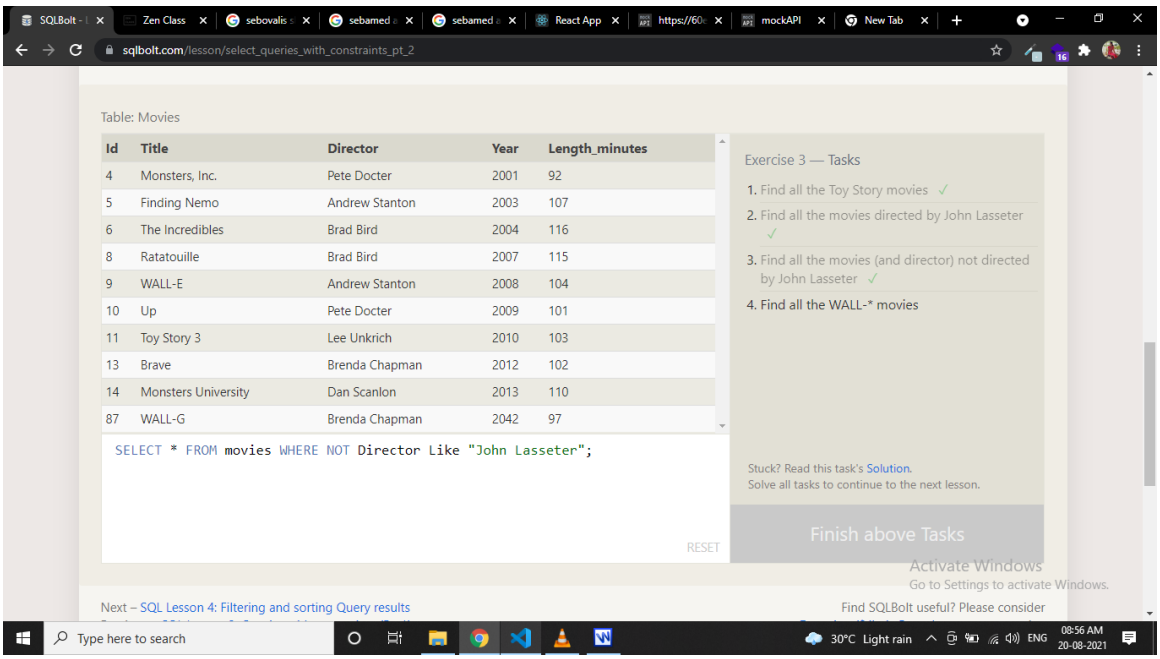
sqlbolt.com/lesson/select_queries_with_constraints_pt_2
Table: Movies
Id Title Director Year Length_minutes
4 Monsters, Inc. Pete Docter 2001 92
5 Finding Nemo Andrew Stanton 2003 107
6 The Incredibles Brad Bird 2004 116
8 Ratatouille Brad Bird 2007 115
9 WALL-E Andrew Stanton 2008 104
10 Up Pete Docter 2009 101
11 Toy Story 3 Lee Unkrich 2010 103
13 Brave Brenda Chapman 2012 102
14 Monsters University Dan Scanlon 2013 110
87 WALL-G Brenda Chapman 2042 97
Exercise 3 — Tasks
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
SELECT * FROM movies WHERE NOT Director Like "John Lasseter";
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Next – SQL Lesson 4: Filtering and sorting Query results
Type here to search
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ENG
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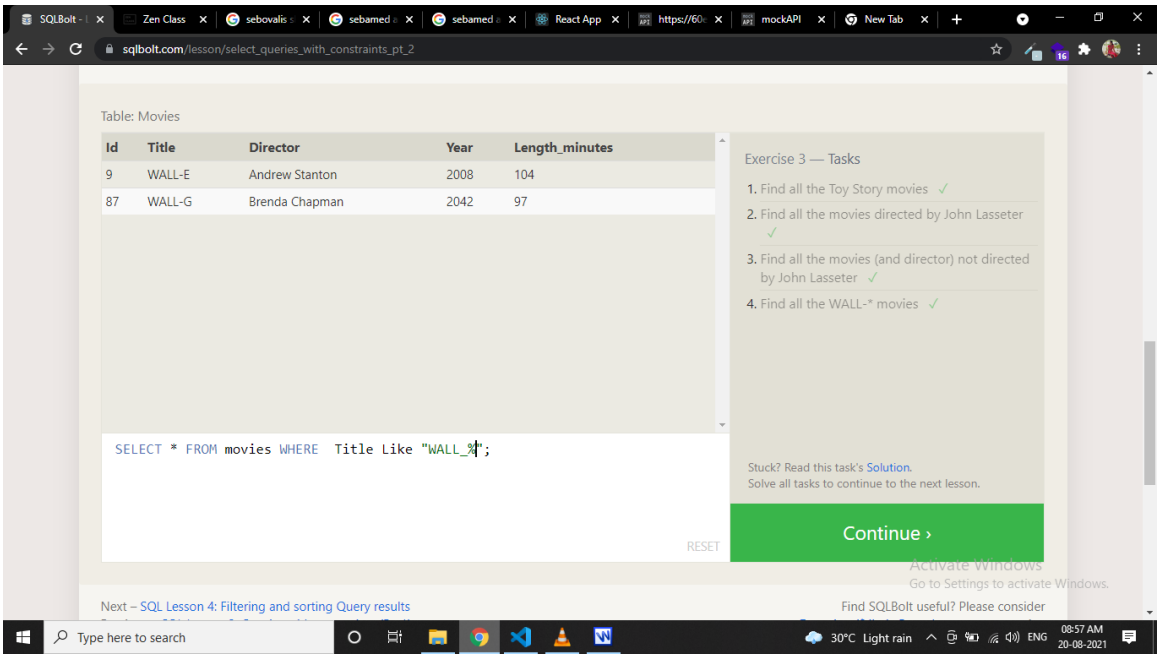
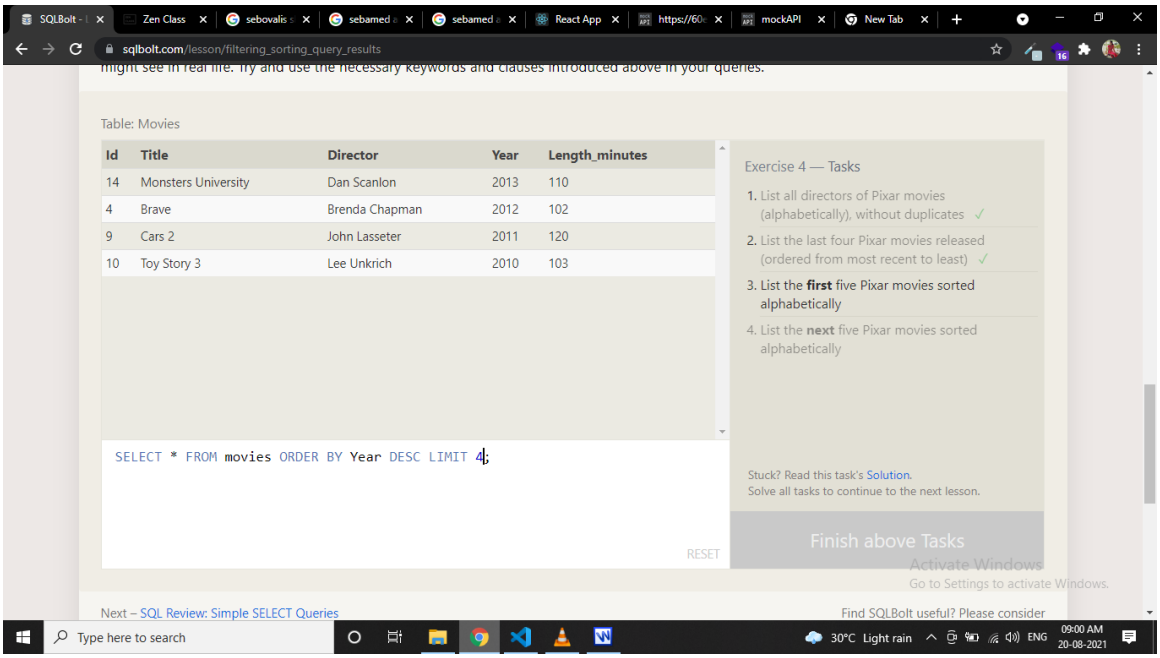
20-08-2021



Filtering,sorting query:


sqlbolt.com/lesson/filtering_sorting_query_results
might see in real life. Try and use the necessary keywords and clauses introduced above in your queries.
Table: Movies
Id Title Director Year Length_minutes
14 Monsters University Dan Scanlon 2013 110
4 Brave Brenda Chapman 2012 102
9 Cars 2 John Lasseter 2011 120
10 Toy Story 3 Lee Unkrich 2010 103
Exercise 4 — Tasks
1. List all directors of Pixar movies (alphabetically), without duplicates
2. List the last four Pixar movies released (ordered from most recent to least)
3. List the first five Pixar movies sorted alphabetically
4. List the next five Pixar movies sorted alphabetically
SELECT * FROM movies ORDER BY Year DESC LIMIT 4;
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Activate Windows
Go to Settings to activate Windows.
Next – SQL Review: Simple SELECT Queries
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sqlbolt.com/lesson/filtering_sorting_query_results
might see in real life. Try and use the necessary keywords and clauses introduced above in your queries.
Table: Movies
Id Title Director Year Length_minutes
7 A Bug's Life John Lasseter 1998 95
4 Brave Brenda Chapman 2012 102
11 Cars John Lasseter 2006 117
9 Cars 2 John Lasseter 2011 120
3 Finding Nemo Andrew Stanton 2003 107
Exercise 4 — Tasks
1. List all directors of Pixar movies (alphabetically), without duplicates
2. List the last four Pixar movies released (ordered from most recent to least)
3. List the first five Pixar movies sorted alphabetically
4. List the next five Pixar movies sorted alphabetically
SELECT * FROM movies ORDER BY Title LIMIT 5;
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Activate Windows
Go to Settings to activate Windows.
Next – SQL Review: Simple SELECT Queries
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09:00 AM
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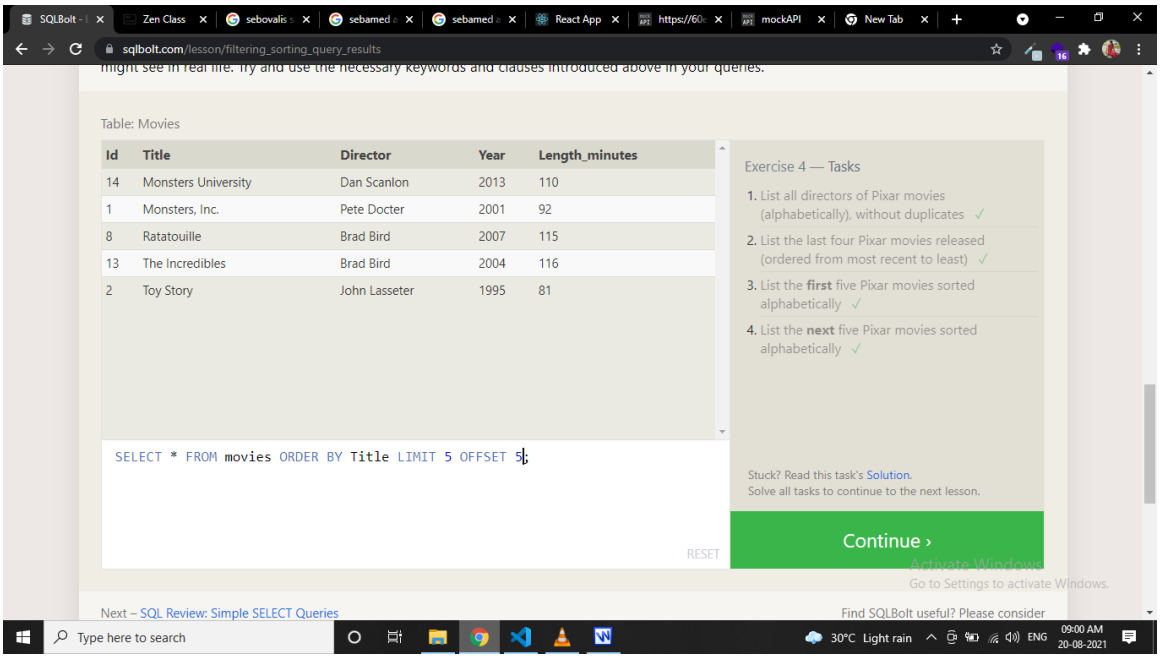
sqlbolt.com/lesson/filtering_sorting_query_results
might see in real life. Try and use the necessary keywords and clauses introduced above in your queries.
Table: Movies
Id | Title | Director | Year | Length_minutes
14 | Monsters University | Dan Scanlon | 2013 | 110
1 | Monsters, Inc. | Pete Docter | 2001 | 92
8 | Ratatouille | Brad Bird | 2007 | 115
13 | The Incredibles | Brad Bird | 2004 | 116
2 | Toy Story | John Lasseter | 1995 | 81
Exercise 4 — Tasks
1. List all directors of Pixar movies (alphabetically), without duplicates
2. List the last four Pixar movies released (ordered from most recent to least)
3. List the first five Pixar movies sorted alphabetically
4. List the next five Pixar movies sorted alphabetically
SELECT * FROM movies ORDER BY Title LIMIT 5 OFFSET 5;
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
RESET
Continue ›
Next – SQL Review: Simple SELECT Queries
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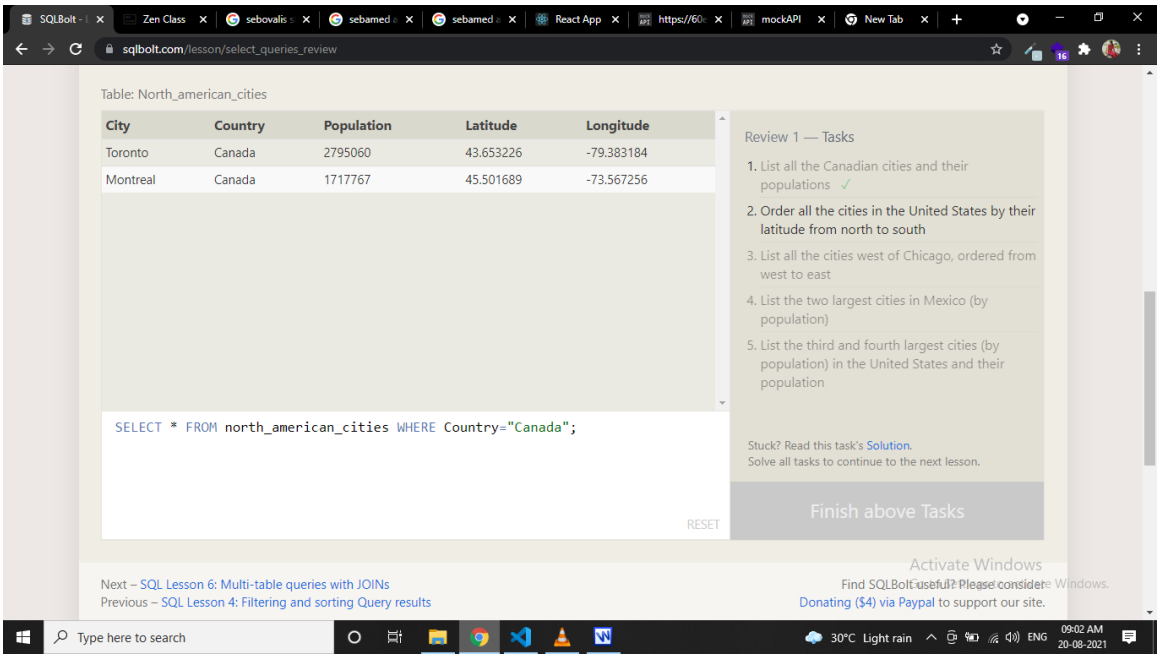
ENG
09:00 AM
20-08-2021

Select:


sqlbolt.com/lesson/select_queries_review
Table: North_american_cities
City | Country | Population | Latitude | Longitude
Toronto | Canada | 2795060 | 43.653226 | -79.383184
Montreal | Canada | 1717767 | 45.501689 | -73.567256
Review 1 — Tasks
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
SELECT * FROM north_american_cities WHERE Country="Canada";
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
RESET
Finish above Tasks
Next – SQL Lesson 6: Multi-table queries with JOINs
Previous – SQL Lesson 4: Filtering and sorting Query results
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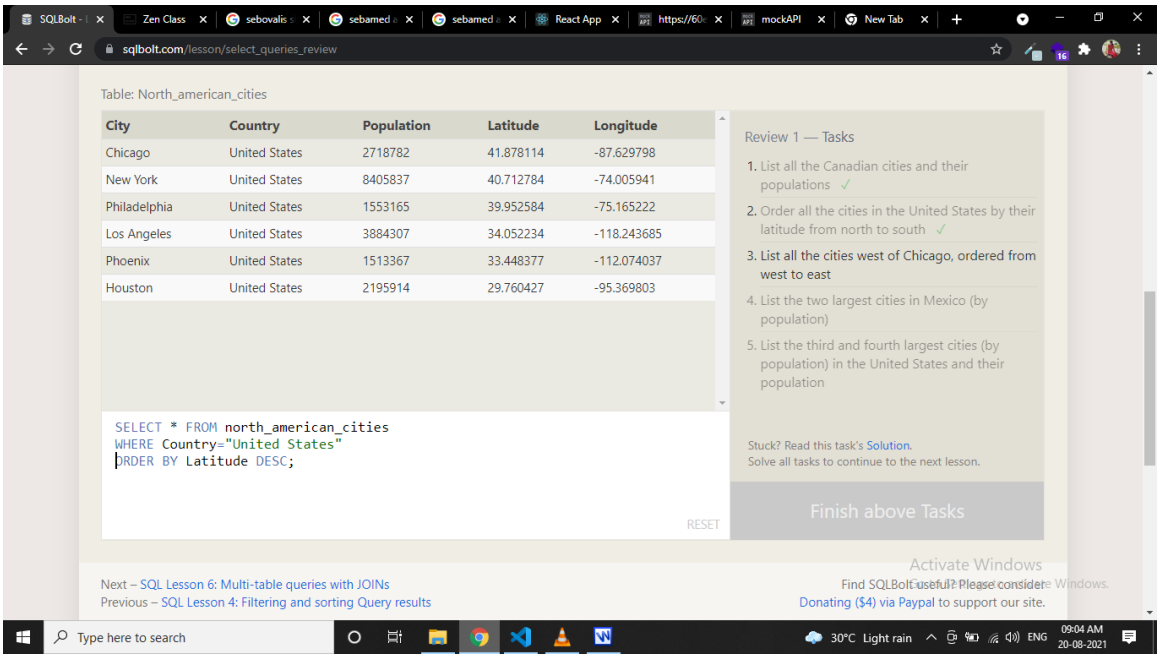
sqlbolt.com/lesson/select_queries_review
Table: North_american_cities
City | Country | Population | Latitude | Longitude
Chicago | United States | 2718782 | 41.878114 | -87.629798
New York | United States | 8405837 | 40.712784 | -74.005941
Philadelphia | United States | 1553165 | 39.952584 | -75.165222
Los Angeles | United States | 3884307 | 34.052234 | -118.243685
Phoenix | United States | 1513367 | 33.448377 | -112.074037
Houston | United States | 2195914 | 29.760427 | -95.369803
Review 1 — Tasks
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
SELECT * FROM north_american_cities
WHERE Country="United States"
ORDER BY Latitude DESC;
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Next – SQL Lesson 6: Multi-table queries with JOINs
Previous – SQL Lesson 4: Filtering and sorting Query results
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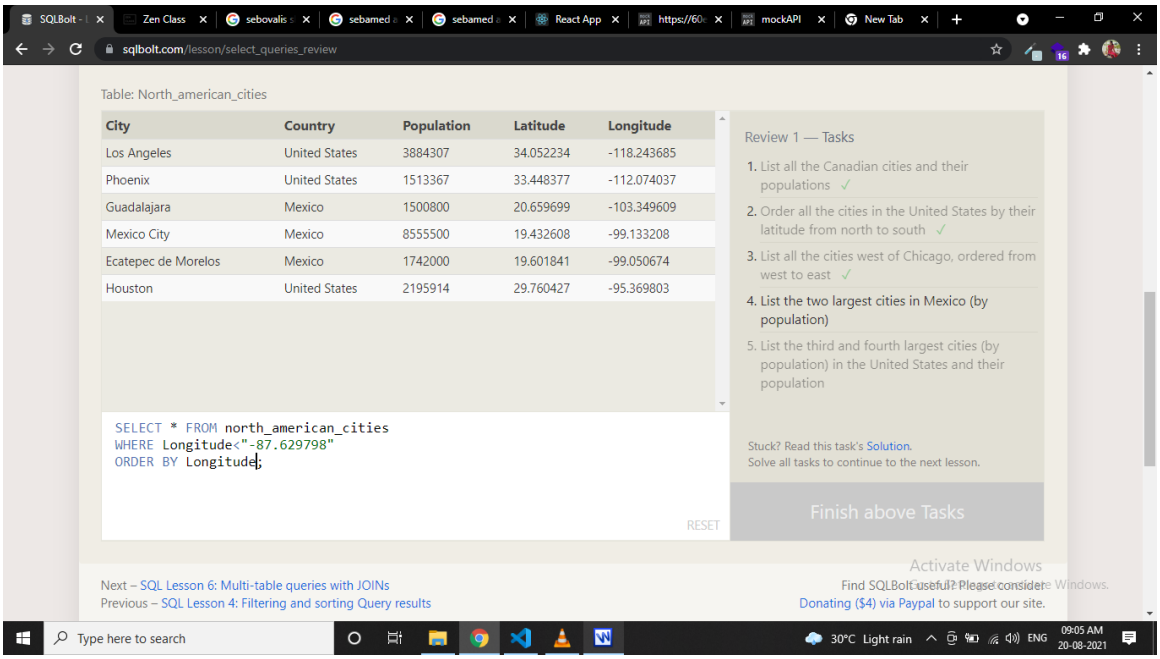
sqlbolt.com/lesson/select_queries_review
Table: North_american_cities
City | Country | Population | Latitude | Longitude
Los Angeles | United States | 3884307 | 34.052234 | -118.243685
Phoenix | United States | 1513367 | 33.448377 | -112.074037
Guadalajara | Mexico | 1500800 | 20.659699 | -103.349609
Mexico City | Mexico | 8555500 | 19.432608 | -99.133208
Ecatepec de Morelos | Mexico | 1742000 | 19.601841 | -99.050674
Houston | United States | 2195914 | 29.760427 | -95.369803
Review 1 — Tasks
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
SELECT * FROM north_american_cities
WHERE Longitude<"-87.629798"
ORDER BY Longitude;
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Next – SQL Lesson 6: Multi-table queries with JOINs
Previous – SQL Lesson 4: Filtering and sorting Query results
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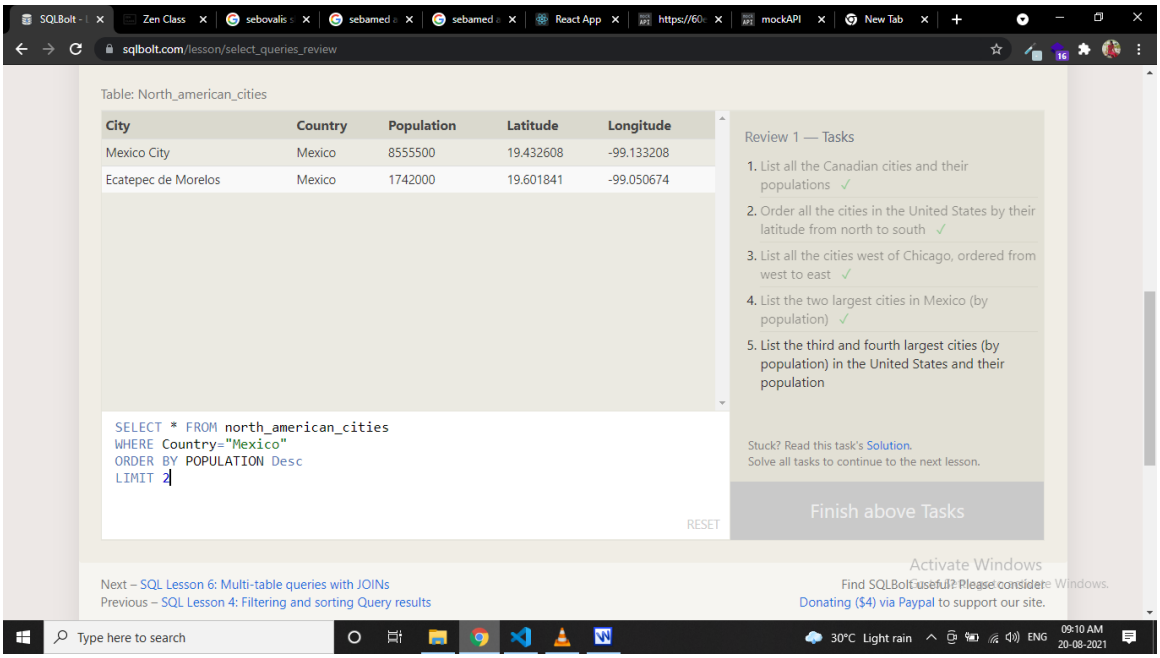
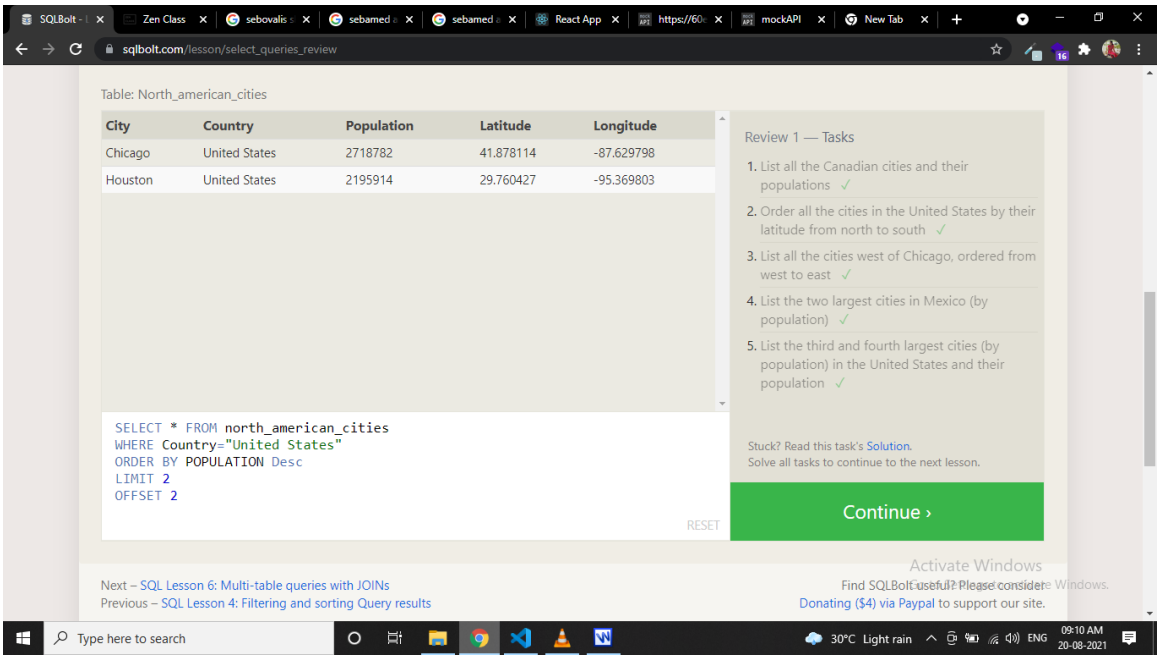
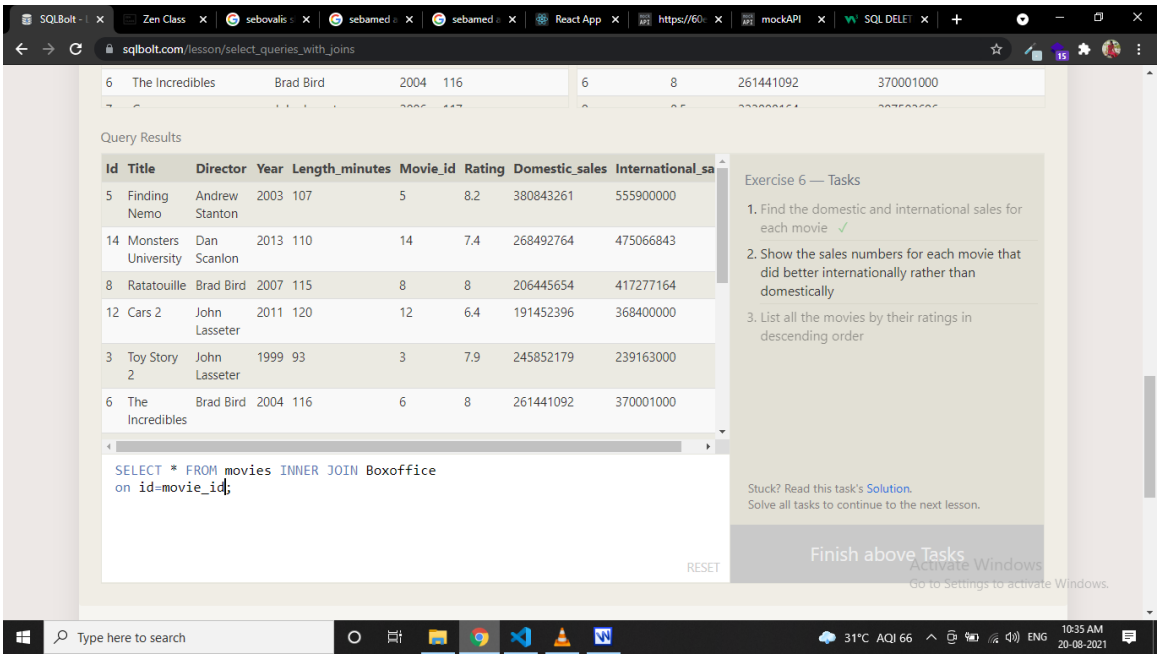
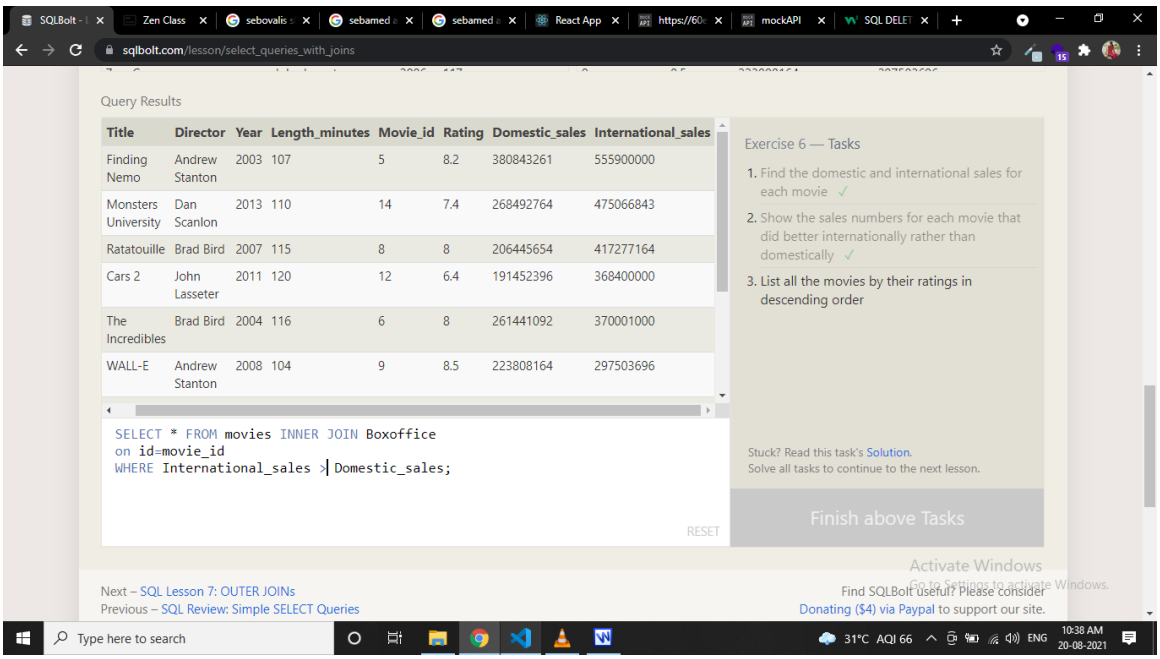
ENG
09:05 AM
20-08-2021





Multitable query join


sqlbolt.com/lesson/select_queries_with_joins
6 The Incredibles Brad Bird 2004 116 6 8 261441092 370001000
Query Results
Id Title Director Year Length_minutes Movie_id Rating Domestic_sales International_sa
5 Finding Nemo Andrew Stanton 2003 107 5 8.2 380843261 555900000
14 Monsters University Dan Scanlon 2013 110 14 7.4 268492764 475066843
8 Ratatouille Brad Bird 2007 115 8 8 206445654 417277164
12 Cars 2 John Lasseter 2011 120 12 6.4 191452396 368400000
3 Toy Story 2 John Lasseter 1999 93 3 7.9 245852179 239163000
6 The Incredibles Brad Bird 2004 116 6 8 261441092 370001000
SELECT * FROM movies INNER JOIN Boxoffice
on id=movie_id;
RESET
Exercise 6 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Activate Windows
Go to Settings to activate Windows.
Type here to search
31°C AQI 66
ENG
10:35 AM
20-08-2021


sqlbolt.com/lesson/select_queries_with_joins
Query Results
Title Director Year Length_minutes Movie_id Rating Domestic_sales International_sales
Finding Nemo Andrew Stanton 2003 107 5 8.2 380843261 555900000
Monsters University Dan Scanlon 2013 110 14 7.4 268492764 475066843
Ratatouille Brad Bird 2007 115 8 8 206445654 417277164
Cars 2 John Lasseter 2011 120 12 6.4 191452396 368400000
The Incredibles Brad Bird 2004 116 6 8 261441092 370001000
WALL-E Andrew Stanton 2008 104 9 8.5 223808164 297503696
SELECT * FROM movies INNER JOIN Boxoffice
on id=movie_id
WHERE International_sales > Domestic_sales;
RESET
Exercise 6 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Activate Windows
Go to Settings to activate Windows.
Next – SQL Lesson 7: OUTER JOINs
Previous – SQL Review: Simple SELECT Queries
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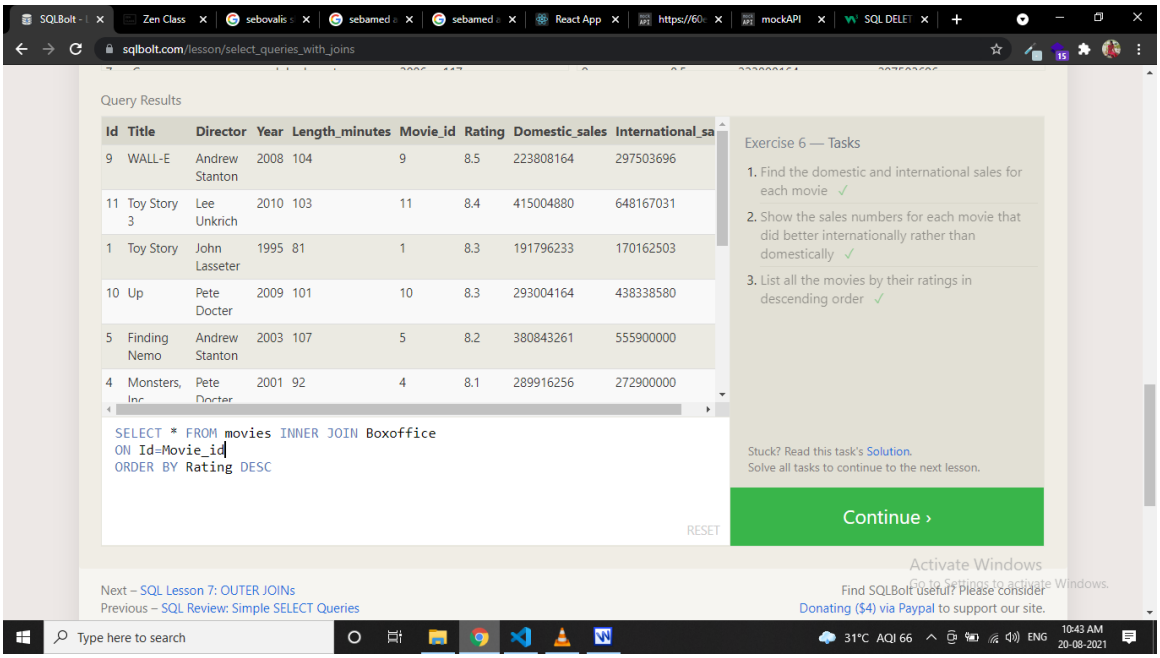
10:38 AM
20-08-2021


sqlbolt.com/lesson/select_queries_with_joins
Query Results
Id Title Director Year Length_minutes Movie_id Rating Domestic_sales International_sa
9 WALL-E Andrew Stanton 2008 104 9 8.5 223808164 297503696
11 Toy Story 3 Lee Unkrich 2010 103 11 8.4 415004880 648167031
1 Toy Story John Lasseter 1995 81 1 8.3 191796233 170162503
10 Up Pete Docter 2009 101 10 8.3 293004164 438338580
5 Finding Nemo Andrew Stanton 2003 107 5 8.2 380843261 555900000
4 Monsters, Inc Pete Docter 2001 92 4 8.1 289916256 272900000
SELECT * FROM movies INNER JOIN Boxoffice
ON Id=Movie_id
ORDER BY Rating DESC
RESET
Exercise 6 — Tasks
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 ✓
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Continue ›
Next – SQL Lesson 7: OUTER JOINs
Previous – SQL Review: Simple SELECT Queries
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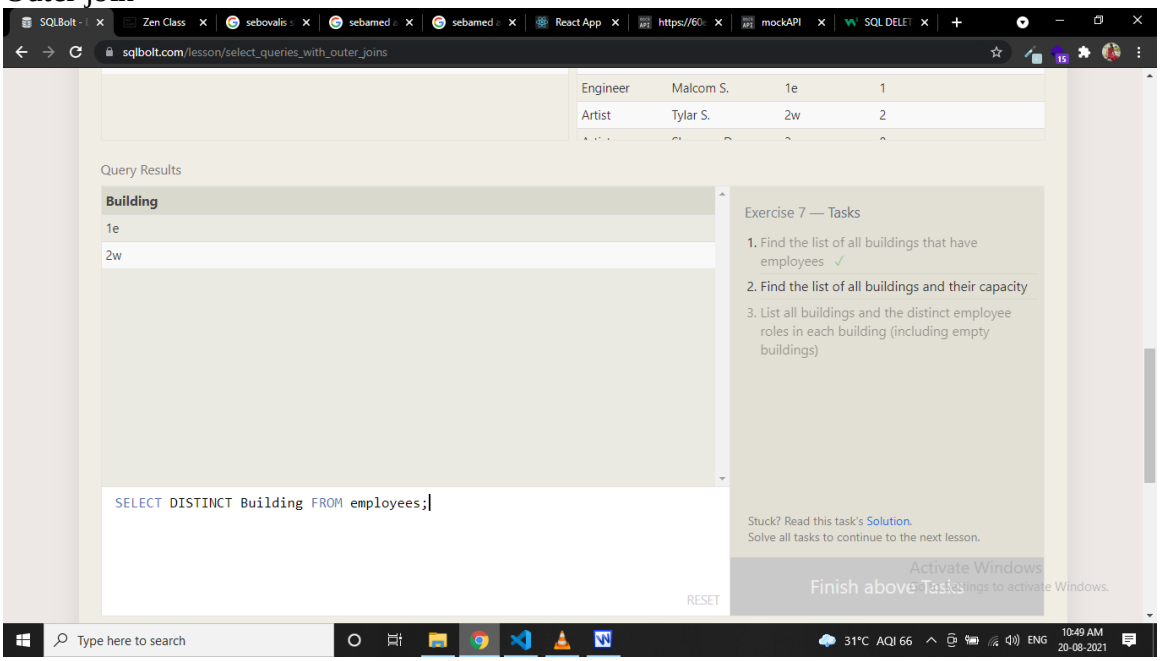
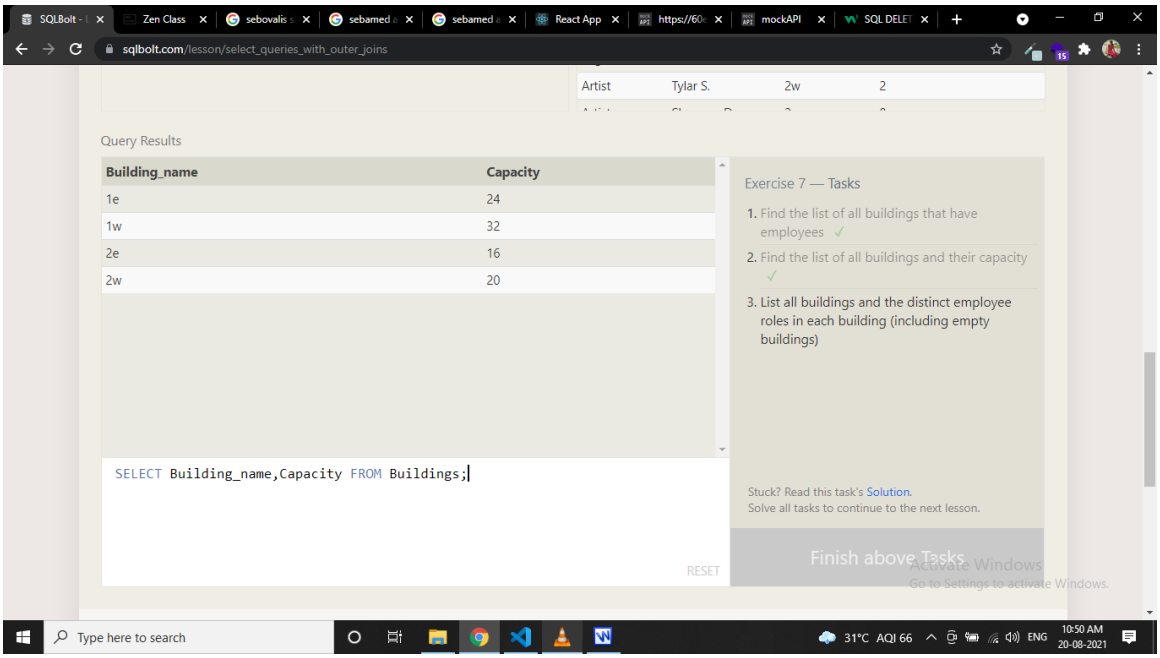
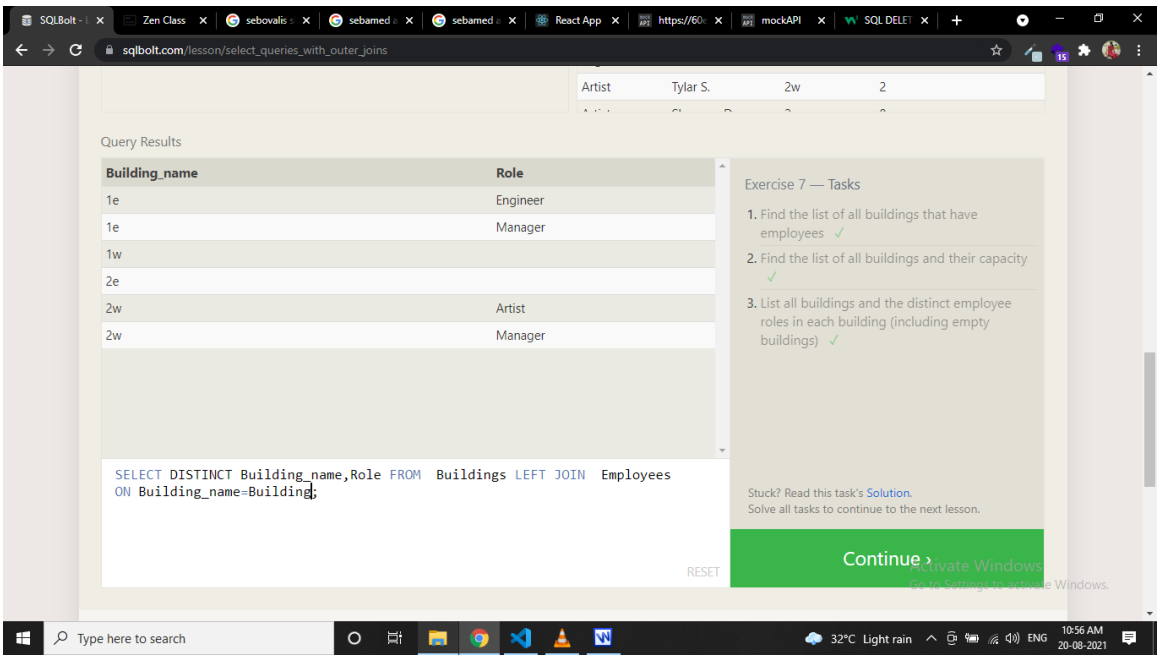
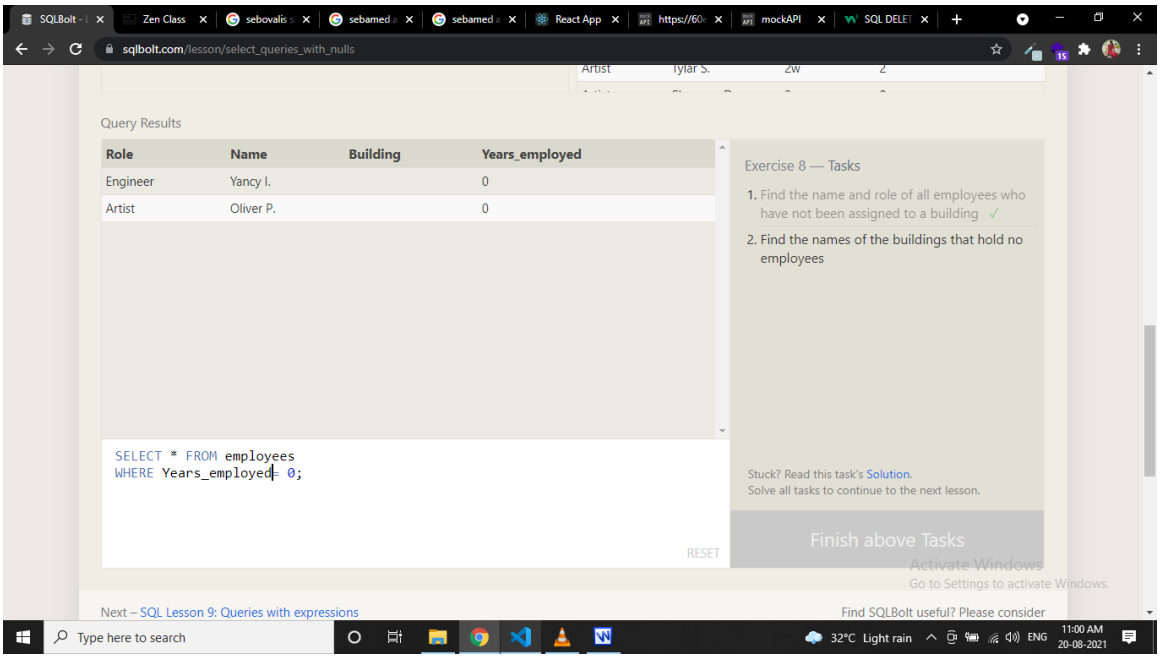
Outer join

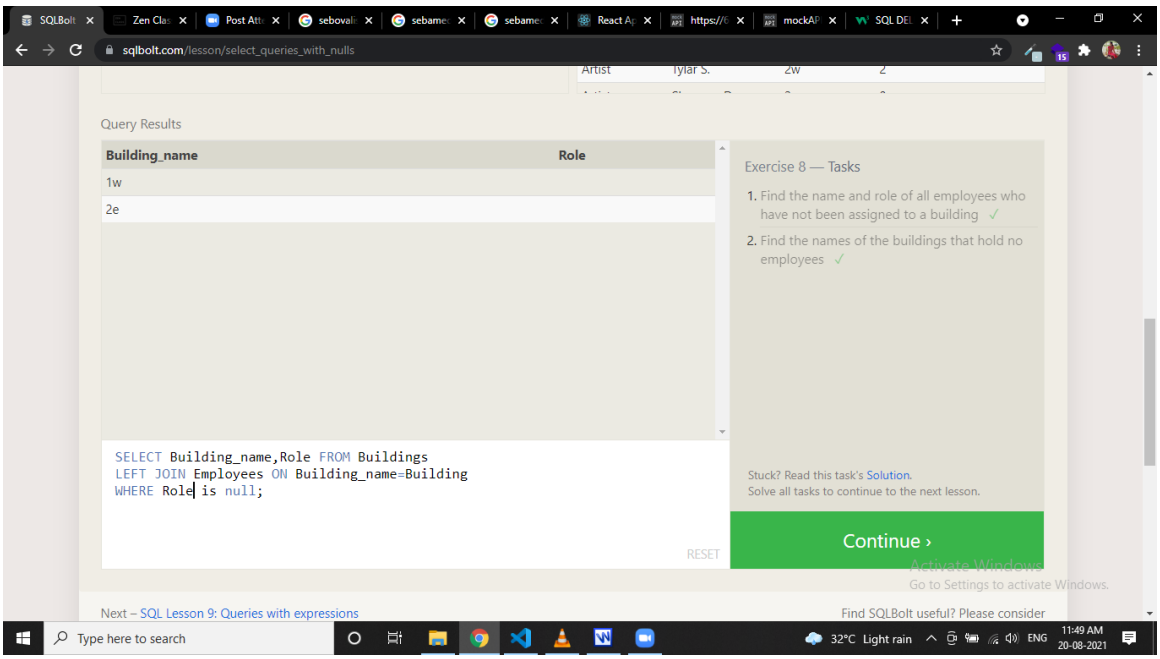

sqlbolt.com/lesson/select_queries_with_outer_joins
Engineer Malcom S. 1e 1
Artist Tylar S. 2w 2
Query Results
Building
1e
2w
SELECT DISTINCT Building FROM employees;
RESET
Exercise 7 — Tasks
1. Find the list of all buildings that have employees ✓
2. Find the list of all buildings and their capacity
3. List all buildings and the distinct employee roles in each building (including empty buildings)
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Type here to search
31°C AQI 66
ENG
10:49 AM
20-08-2021


sqlbolt.com/lesson/select_queries_with_outer_joins
Artist Tylar S. 2w 2
Query Results
Building_name Capacity
1e 24
1w 32
2e 16
2w 20
Exercise 7 — Tasks
1. 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)
SELECT Building_name,Capacity FROM Buildings;
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above Tasks
Activate Windows
Go to Settings to activate Windows.
Type here to search
31°C AQI 66
ENG
10:50 AM
20-08-2021

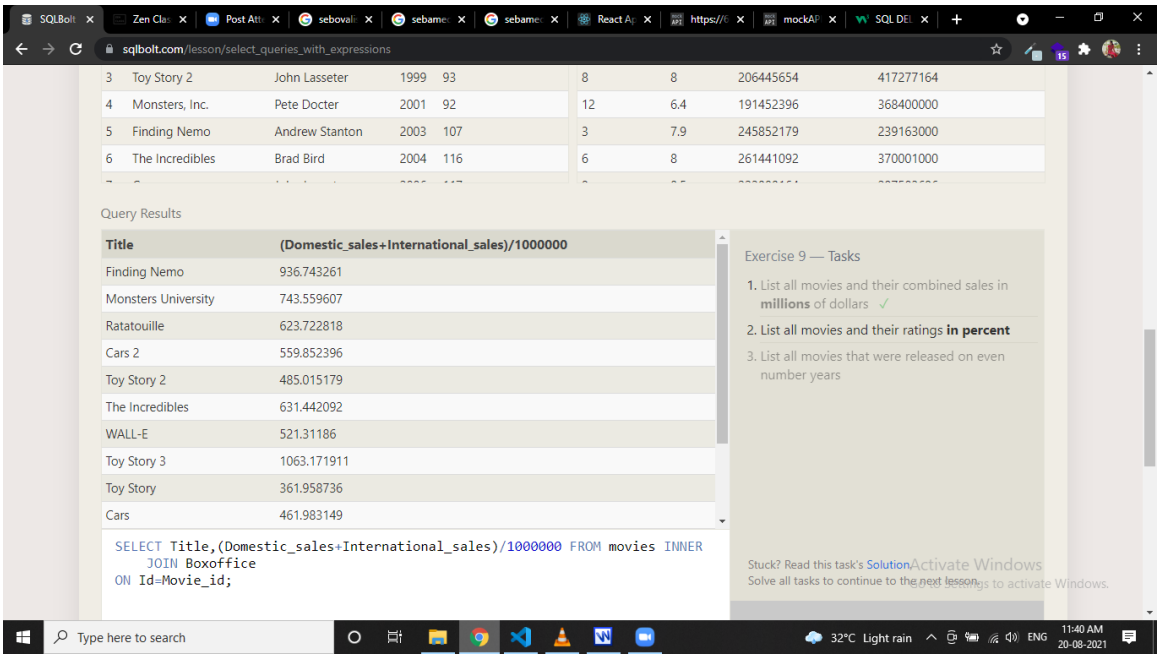

sqlbolt.com/lesson/select_queries_with_outer_joins
Artist Tylar S. 2w 2
Query Results
Building_name Role
1e Engineer
1e Manager
1w
2e
2w Artist
2w Manager
Exercise 7 — Tasks
1. Find the list of all buildings that have employees ✓
2. Find the list of all buildings and their capacity ✓
3. List all buildings and the distinct employee roles in each building (including empty buildings) ✓
SELECT DISTINCT Building_name,Role FROM Buildings LEFT JOIN Employees
ON Building_name=Building;
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Continue ›
Activate Windows
Go to Settings to activate Windows.
Type here to search
32°C Light rain
ENG
10:56 AM
20-08-2021

Nulls





Queries with expression


sqlbolt.com/lesson/select_queries_with_expressions
3 Toy Story 2 John Lasseter 1999 93 8 8 206445654 417277164
4 Monsters, Inc. Pete Docter 2001 92 12 6.4 191452396 368400000
5 Finding Nemo Andrew Stanton 2003 107 3 7.9 245852179 239163000
6 The Incredibles Brad Bird 2004 116 6 8 261441092 370001000
Query Results
Title (Domestic_sales+International_sales)/1000000
Finding Nemo 936.743261
Monsters University 743.559607
Ratatouille 623.722818
Cars 2 559.852396
Toy Story 2 485.015179
The Incredibles 631.442092
WALL-E 521.31186
Toy Story 3 1063.171911
Toy Story 361.958736
Cars 461.983149
SELECT Title,(Domestic_sales+International_sales)/1000000 FROM movies INNER JOIN Boxoffice ON Id=Movie_id;
Exercise 9 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Activate Windows
Go to Settings to activate Windows.
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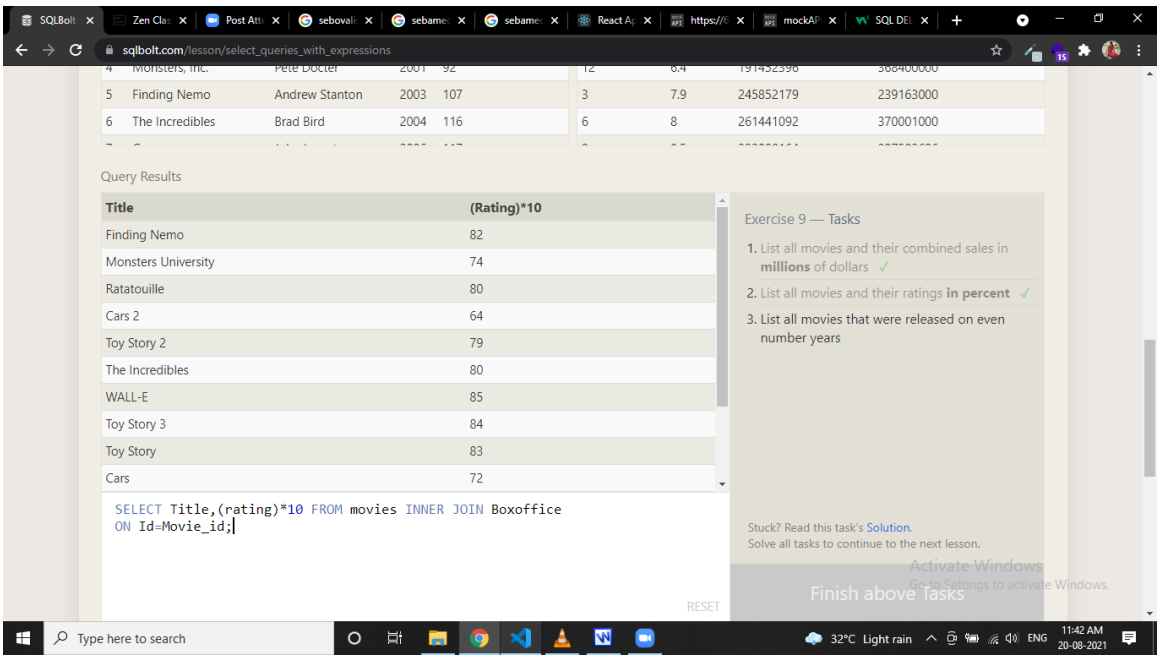
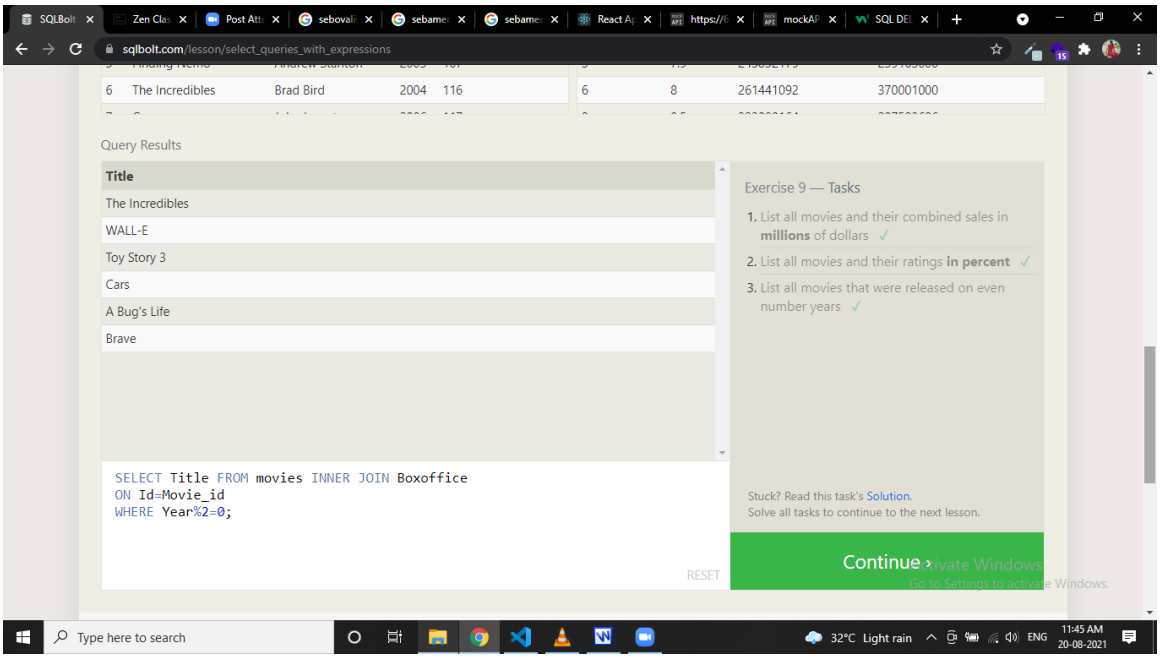
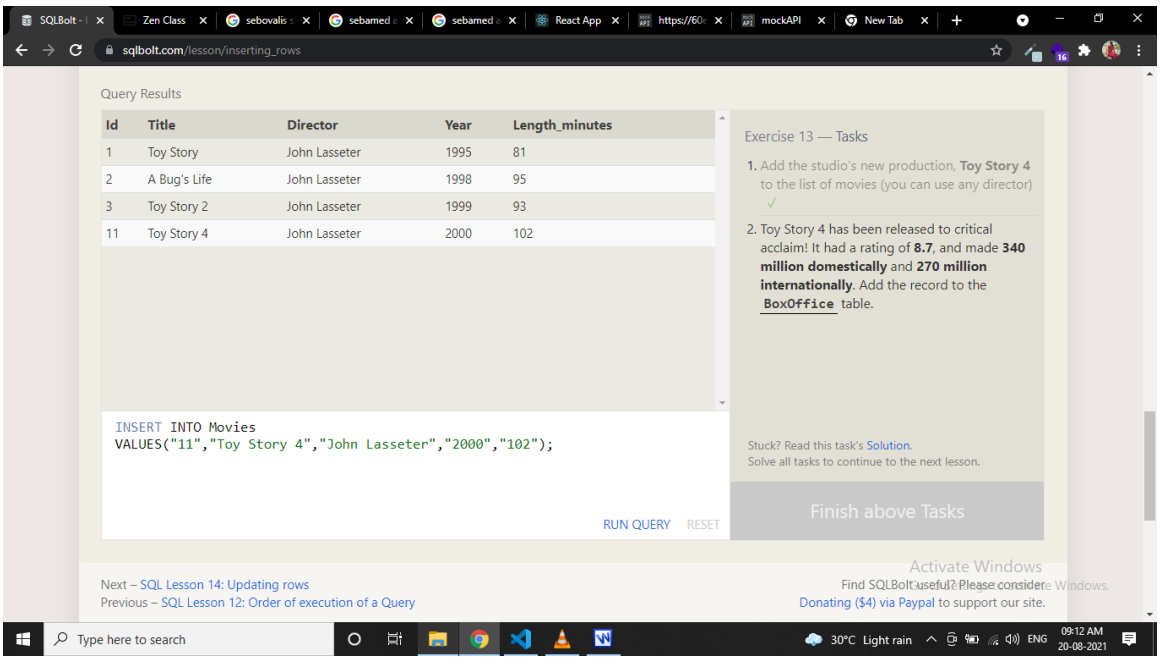
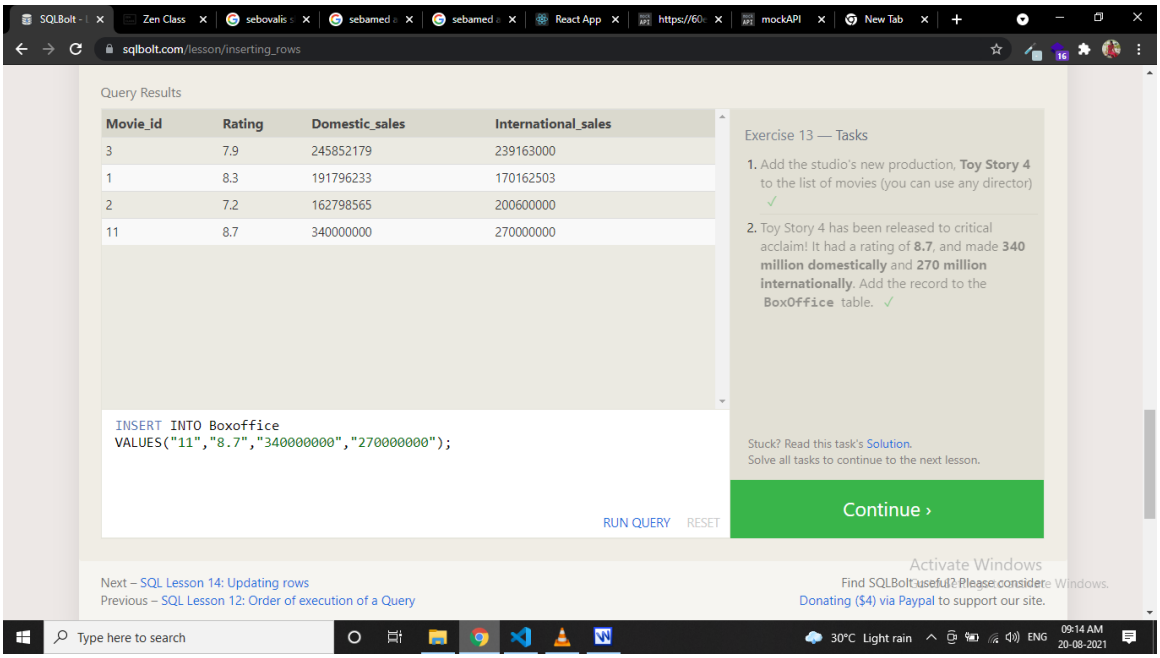
32°C Light rain
ENG
11:40 AM
20-08-2021


sqlbolt.com/lesson/select_queries_with_expressions
5 Finding Nemo Andrew Stanton 2003 107 3 7.9 245852179 239163000
6 The Incredibles Brad Bird 2004 116 6 8 261441092 370001000
Query Results
Title (Rating)*10
Finding Nemo 82
Monsters University 74
Ratatouille 80
Cars 2 64
Toy Story 2 79
The Incredibles 80
WALL-E 85
Toy Story 3 84
Toy Story 83
Cars 72
SELECT Title,(rating)*10 FROM movies INNER JOIN Boxoffice ON Id=Movie_id;
Exercise 9 — Tasks
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
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Activate Windows
Go to Settings to activate Windows.
RESET
Finish above Tasks
Type here to search
32°C Light rain
ENG
11:42 AM
20-08-2021

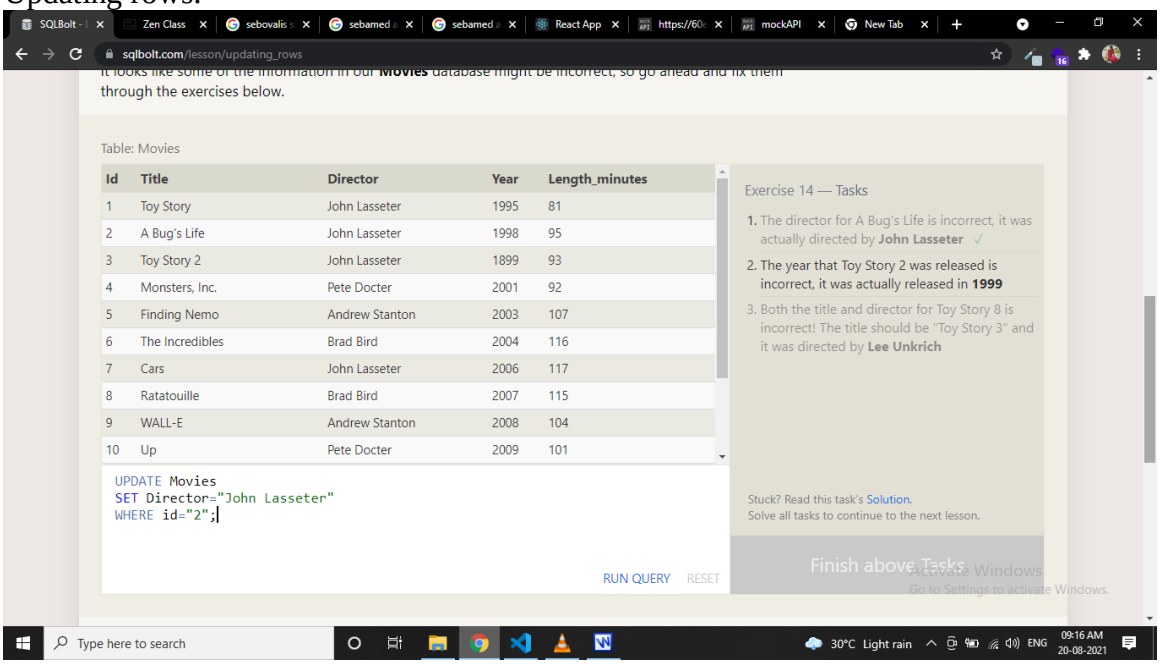


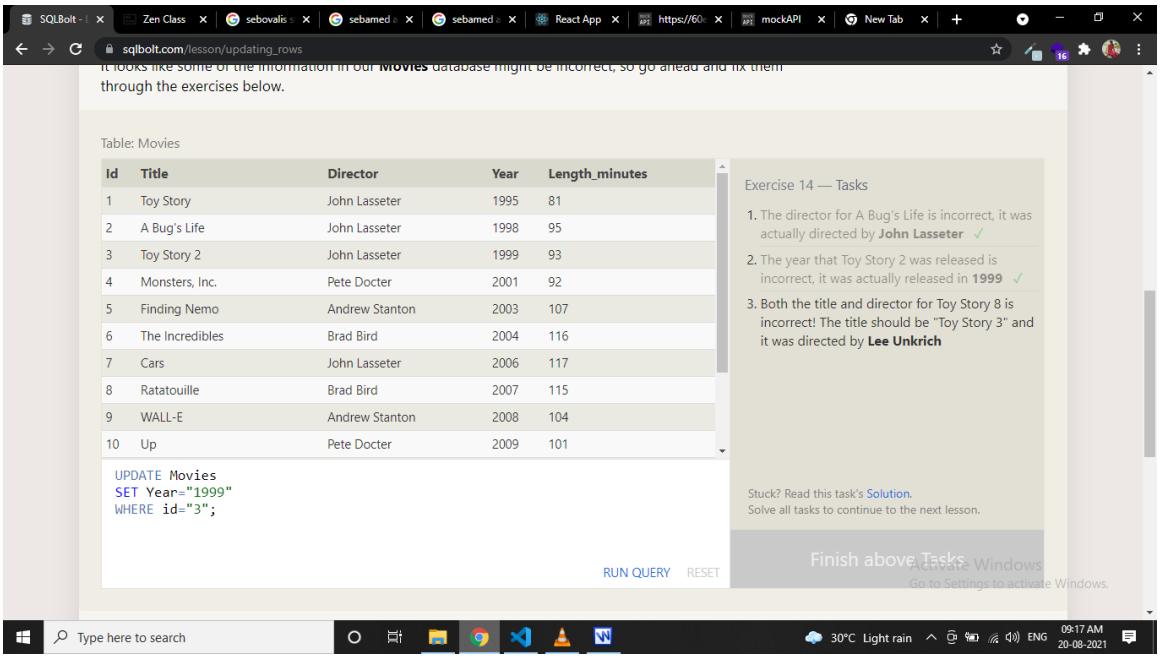
INSERTING ROWS

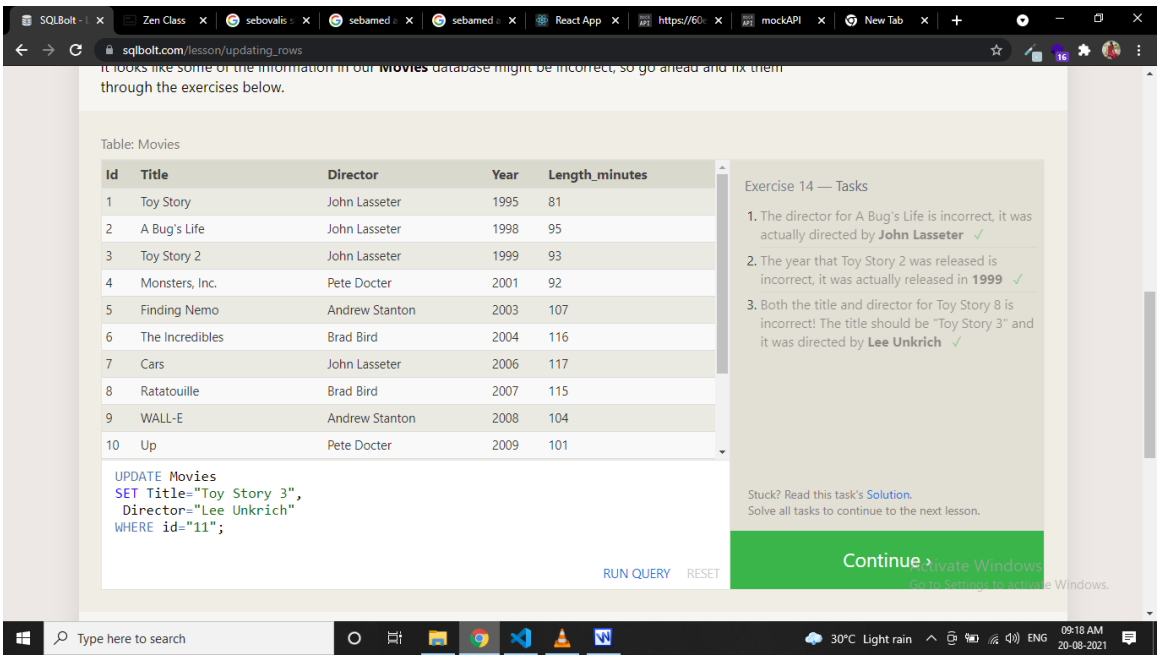




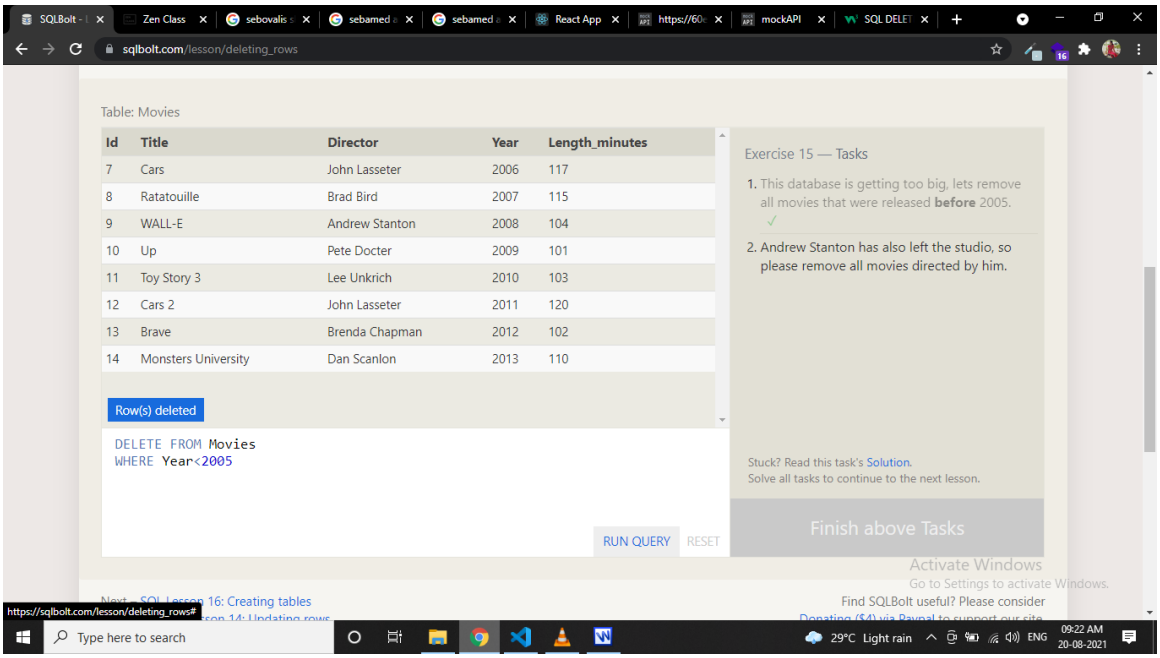
Updating rows:

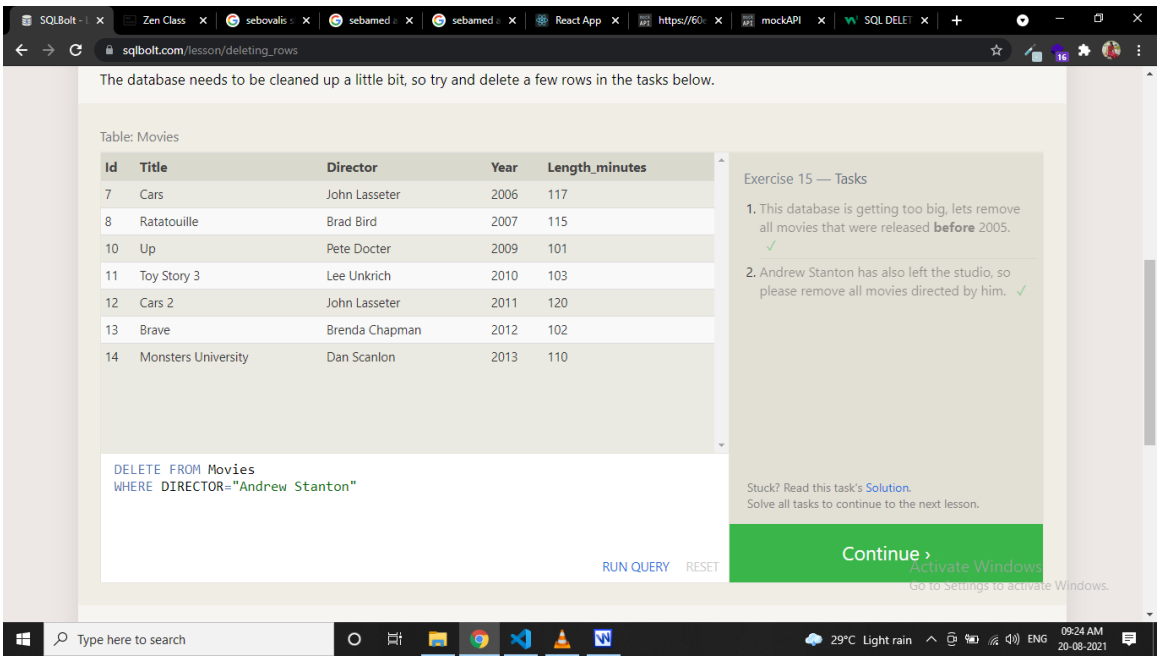




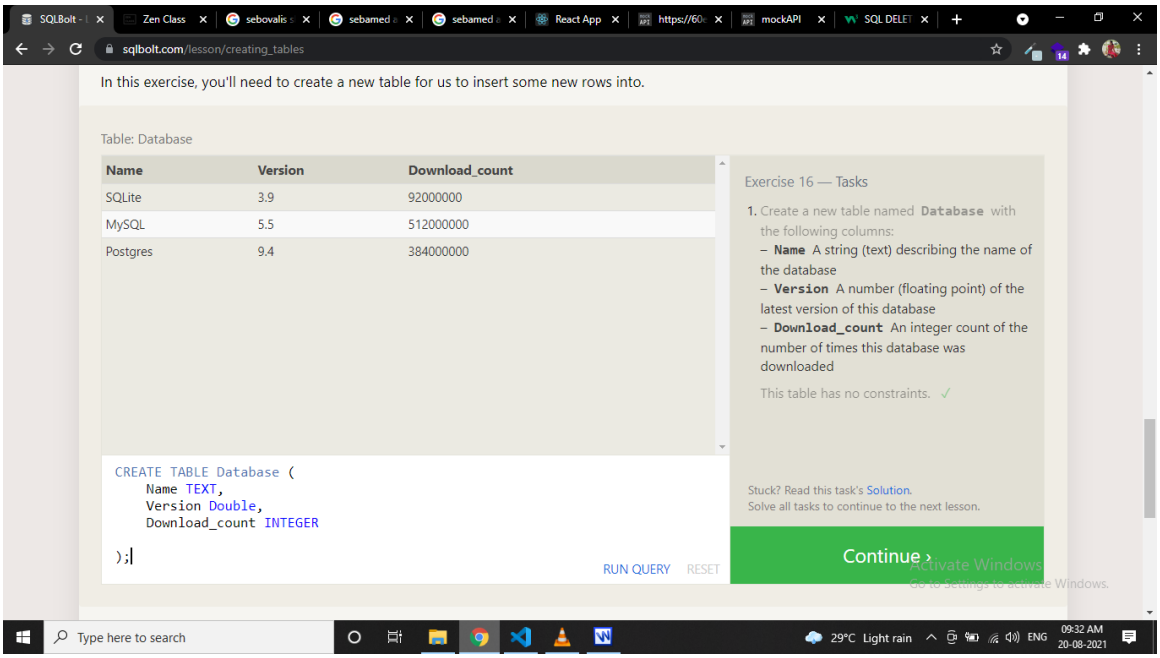


Deleting rows:

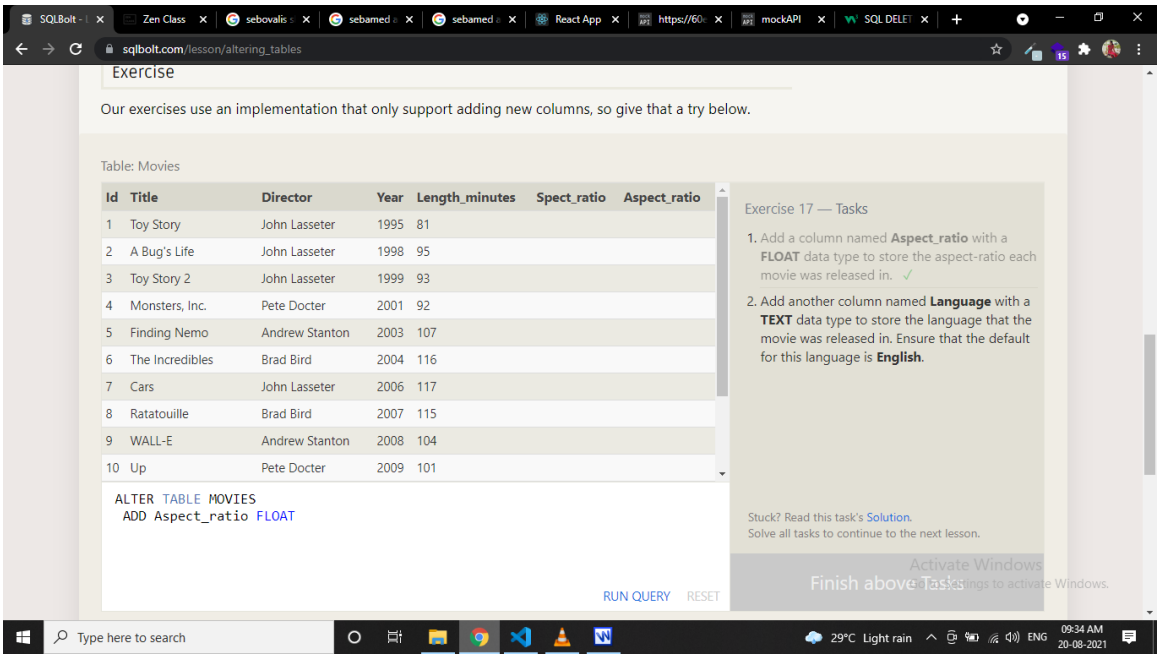


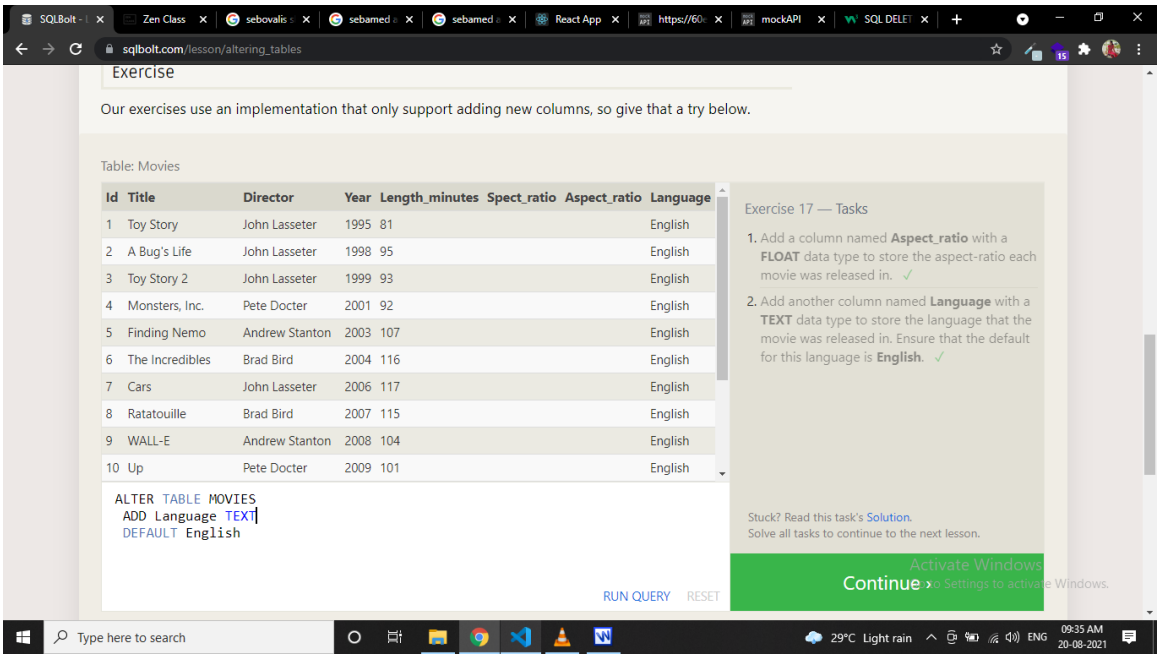


Creating table:

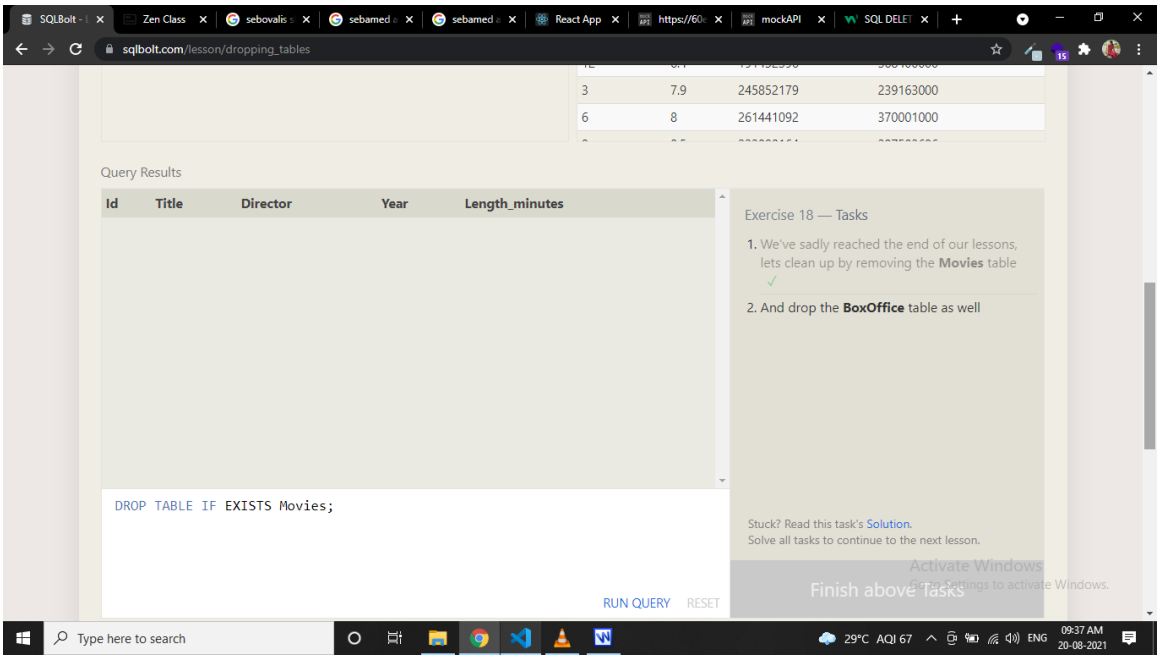

sqlbolt.com/lesson/creating_tables
In this exercise, you'll need to create a new table for us to insert some new rows into.
Table: Database
Name | Version | Download_count
SQLite | 3.9 | 92000000
MySQL | 5.5 | 512000000
Postgres | 9.4 | 384000000
Exercise 16 — Tasks
1. Create a new table named Database 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.
CREATE TABLE Database (
Name TEXT,
Version Double,
Download_count INTEGER
);
RUN QUERY
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Continue ›
Type here to search
29°C Light rain
ENG
09:32 AM
20-08-2021

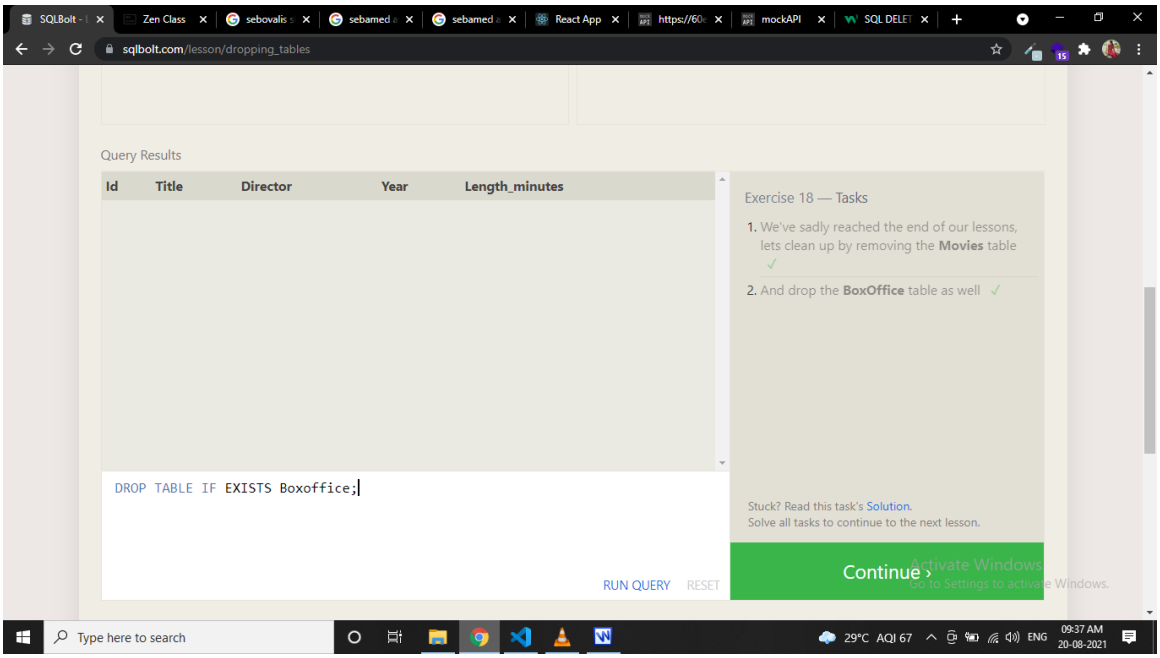
Alter
:


sqlbolt.com/lesson/altering_tables
Exercise
Our exercises use an implementation that only support adding new columns, so give that a try below.
Table: Movies
Id | Title | Director | Year | Length_minutes | Spect_ratio | Aspect_ratio
1 | Toy Story | John Lasseter | 1995 | 81
2 | A Bug's Life | John Lasseter | 1998 | 95
3 | Toy Story 2 | John Lasseter | 1999 | 93
4 | Monsters, Inc. | Pete Docter | 2001 | 92
5 | Finding Nemo | Andrew Stanton | 2003 | 107
6 | The Incredibles | Brad Bird | 2004 | 116
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
Exercise 17 — Tasks
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.
ALTER TABLE MOVIES
ADD Aspect_ratio FLOAT
RUN QUERY
RESET
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Finish above tasks
Type here to search
29°C Light rain
ENG
09:34 AM
20-08-2021


sqlbolt.com/lesson/altering_tables
Exercise
Our exercises use an implementation that only support adding new columns, so give that a try below.
Table: Movies
Id Title Director Year Length_minutes Spect_ratio 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
ALTER TABLE MOVIES
ADD Language TEXT
DEFAULT English
RUN QUERY
RESET
Exercise 17 — Tasks
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.
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
Continue ›
Activate Windows
Type here to search
29°C Light rain
ENG
09:35 AM
20-08-2021

Drop:


sqlbolt.com/lesson/dropping_tables
3 7.9 245852179 239163000
6 8 261441092 370001000
Query Results
Id Title Director Year Length_minutes
DROP TABLE IF EXISTS Movies;
RUN QUERY
RESET
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.
Finish above Tasks
Activate Windows
Type here to search
29°C AQI 67
ENG
09:37 AM
20-08-2021


sqlbolt.com/lesson/dropping_tables
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
DROP TABLE IF EXISTS Boxoffice;
Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.
RUN QUERY
RESET
Continue ›
Activate Windows
Go to Settings to activate Windows.
Type here to search
29°C AQI 67
ENG
09:37 AM
20-08-2021

a