# Submission Worksheet

#### CLICK TO GRADE

https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-sql-readings-and-quiz/grade/lm457

IT202-008-S2024 - [IT202] SQL Readings and Quiz

#### Submissions:

Submission Selection

1 Submission [active] 2/22/2024 11:29:26 PM

# Instructions

^ COLLAPSE ^

Visit w3schools and go to the HTML Tutorial: https://my-learning.w3schools.com/tutorial/mysgl

MySQL and RDBMS Fundamentals Lessons 1.1 - 1.3

Query Basics Lessons 2.1 - 2.8

Data Manipulation Lessons 3.1 - 3.4

Query Techniques Lessons 4.1 - 4.9

Advanced Queries Lessons 5.1 - 5.11

Database Management Lessons 6.3 - 6.15

MvSQL Quiz at the end of the tutorial

## Guide:

Make sure you're in the main branch locally and 'git pull origin main' any pending changes

Make a new branch per the recommended branch name below (git checkout -b ...)

Fill in the items in the worksheet below (save as often as necessary)

Once finished, export the worksheet

Add the output file to any location of your choice in your repository folder Check that git sees it via 'git status'

If everything is good, continue to submit

Track the file(s) via `git add`

Commit the changes via `git commit` (don't forget the commit message)
Push the changes to GitHub via `git push` (don't forget to refer to the proper branch)

Create a pull request from the homework related branch to main (i.e., main <- "homework branch")
Open and complete the merge of the pull request (it should turn purple)

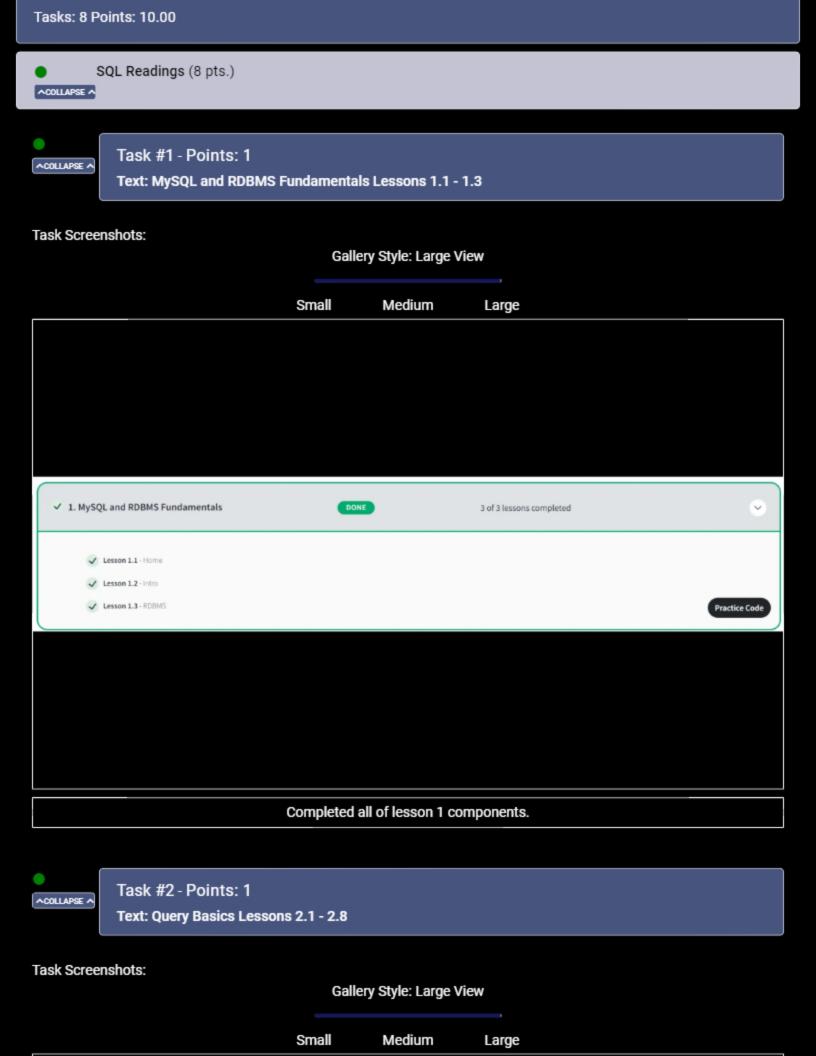
Locally checkout main and pull the latest changes (to prepare for future work)

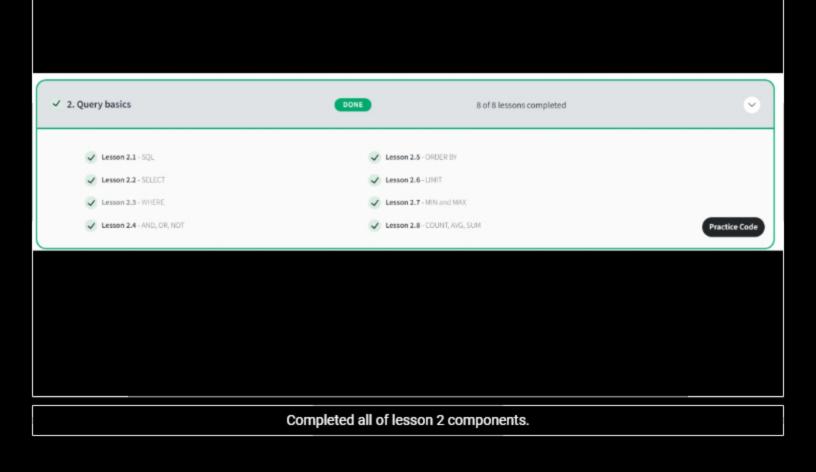
Take the same output file and upload it to Canvas

\*This step is new since GitHub renders the PDF as an image the links aren't clickable so this method works better

\*Remember, the github process of these files are encouragement for your tracking of your progress

Branch name: M4-SQL-Readings





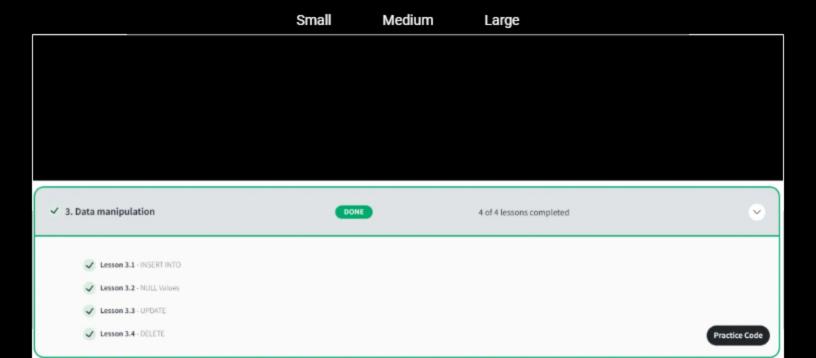


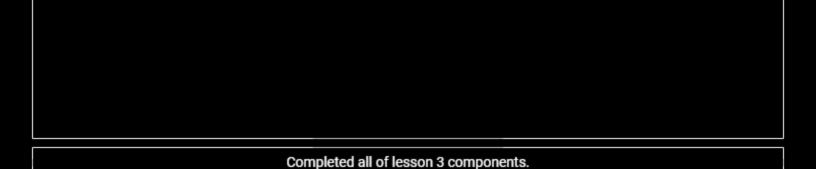
# Task #3 - Points: 1

Text: Data Manipulation Lessons 3.1 - 3.4

Task Screenshots:

Gallery Style: Large View





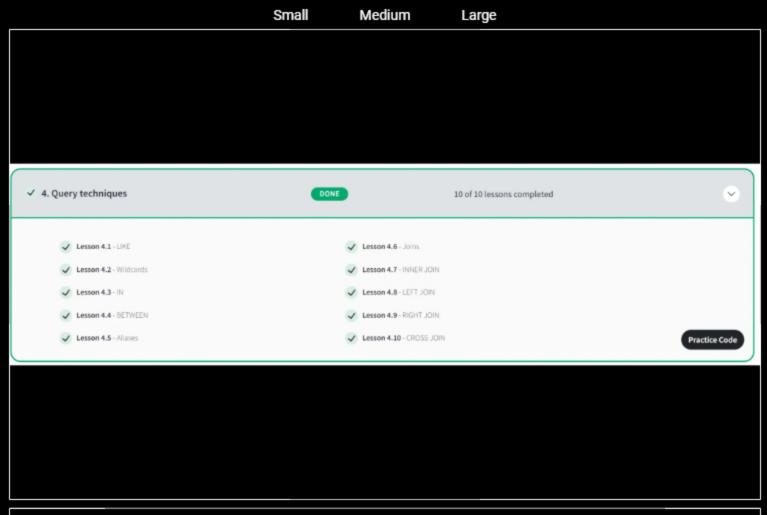
ACOLLAPSE A

Task #4 - Points: 1

Text: Query Techniques Lessons 4.1 - 4.9

Task Screenshots:

Gallery Style: Large View



Completed all of lesson 4 components.



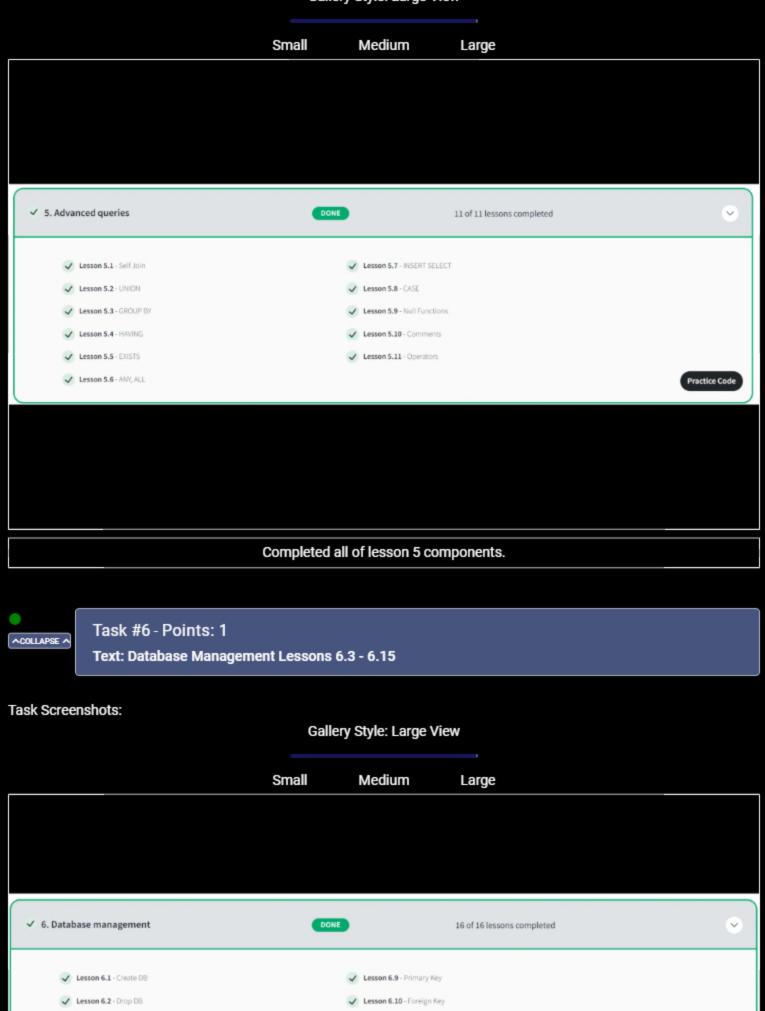
Task #5 - Points: 1

Text: Advanced Queries Lessons 5.1 - 5.11

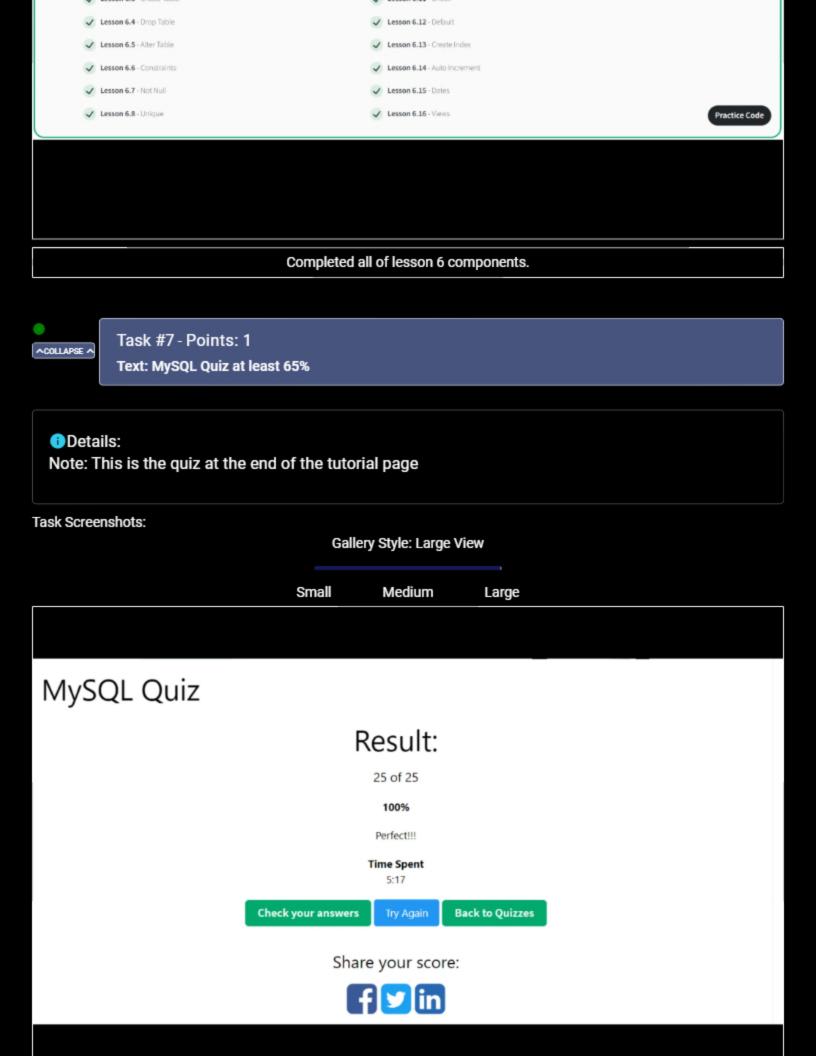
Task Screenshots:

/ Losson 6.3 - Croate Table

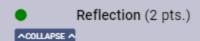
Gallery Style: Large View



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## Scored 100% on the W3Schools quiz.





#### Task #1 - Points: 1

Text: Reflect on the topics and refer to the checklist of this task

Checklist		*The checkboxes are for your own tracking
#	Points	Details
#1	1	Mention specifics of what concepts/topics were totally new to you.
#2	1	Mention specifics of what concepts/topics you already knew.
#3	1	Mention specifics of any topics you still don't feel confident about. If everything makes sense so far you can mention so.
#4	1	At least a few reasonable sentences.

## Response:

All of this week's contents were new to me, considering I'd never used or touched SQL or MySQL before. The idea of creating and managing databases to store and utilize data was only a remote abstract concept I had up until this point. That said, the core syntax of the database management system language is quite similar to most other programming languages I'm familiar with. Except for the changing of names, the methods themselves remain mostly identical. Almost all of the commands are self-explanatory, like SELECT for selecting from a database, CREATE for creating databases/tables, WHERE as a form of an if-statement, AND, OR, NOT as basic operators. It is very user friendly and the path to learning MySQL seems relatively straightforward. The only issue I'm currently encountering is with advanced queries where there are commands that to me seem redundant and practically do the same thing as other more easily accessible methods. Methods like EXISTS is on a base level another type of if-statement but so is HAVING and the CASE commands. All of them do one or another form of checking prior to allowing the query to continue running. The distinctions listed on W3Schools seem overly technical and I'm having a hard time specifically differentiating the methods for usage in different circumstances. However, this shouldn't really be a big concern since I could always look to external sources to properly understand the differentiations and when to best use each one of them.