

Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-sql-readings-and-quiz/grade/yc73>

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

Submissions:

Submission Selection

1 Submission [active] 2/25/2024 6:18:17 PM

Instructions

^ COLLAPSE ^

Visit w3schools and go to the HTML Tutorial: <https://my-learning.w3schools.com/tutorial/mysql>
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
MySQL 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

Tasks: 8 Points: 10.00



SQL Readings (8 pts.)

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Task #1 - Points: 1

Text: MySQL and RDBMS Fundamentals Lessons 1.1 - 1.3

Task Screenshots:

Gallery Style: Large View

Small

Medium

Large

✓ 1. MySQL and RDBMS Fundamentals

DONE

3 of 3 lessons completed

✓ Lesson 1.1 - Home

✓ Lesson 1.2 - Intro

✓ Lesson 1.3 - RDBMS

Showing Lessons 1.1 - 1.3



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Task #2 - Points: 1

Text: Query Basics Lessons 2.1 - 2.8

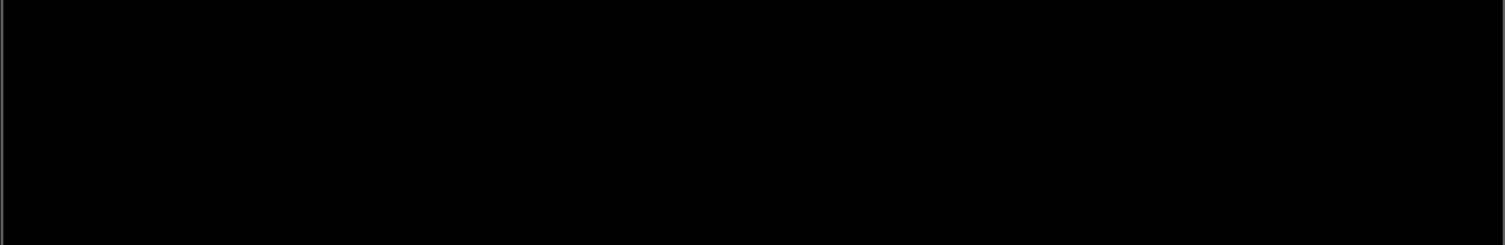
Task Screenshots:

Gallery Style: Large View

Small

Medium

Large



✓ 2. Query basics

DONE

8 of 8 lessons completed

✓ Lesson 2.1 - SQL

✓ Lesson 2.2 - SELECT

✓ Lesson 2.3 - WHERE

✓ Lesson 2.4 - AND, OR, NOT

✓ Lesson 2.5 - ORDER BY

✓ Lesson 2.6 - LIMIT

✓ Lesson 2.7 - MIN and MAX

✓ Lesson 2.8 - COUNT, AVG, SUM



Showing Lessons 2.1 - 2.8



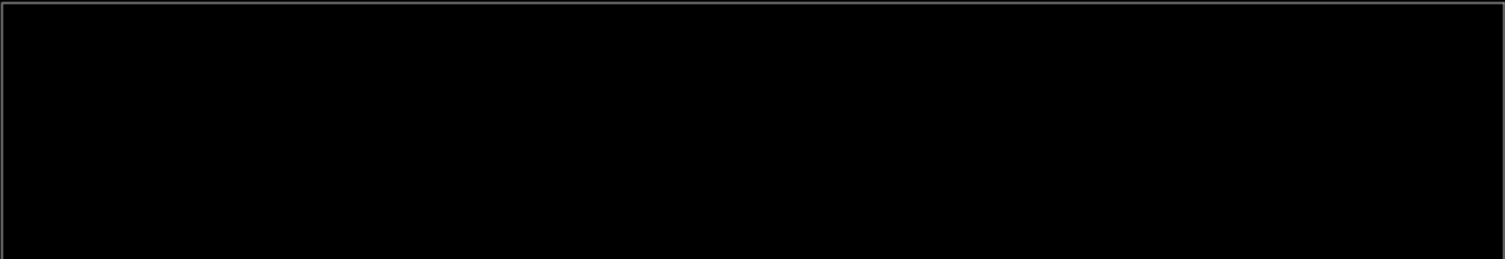
^ COLLAPSE ^

Task #3 - Points: 1
Text: Data Manipulation Lessons 3.1 - 3.4

Task Screenshots:

Gallery Style: Large View

Small Medium Large



✓ 3. Data manipulation

DONE

4 of 4 lessons completed

✓ Lesson 3.1 - INSERT INTO

✓ Lesson 3.2 - NULL Values

✓ Lesson 3.3 - UPDATE

✓ Lesson 3.4 - DELETE

Showing Lessons 3.1 - 3.4

^ COLLAPSE ^

Task #4 - Points: 1

Text: Query Techniques Lessons 4.1 - 4.9

Task Screenshots:

Gallery Style: Large View

Small

Medium

Large

✓ 4. Query techniques

DONE

10 of 10 lessons completed

✓ Lesson 4.1 - LIKE

✓ Lesson 4.2 - Wildcards

✓ Lesson 4.3 - IN

✓ Lesson 4.4 - BETWEEN

✓ Lesson 4.5 - Aliases

✓ Lesson 4.6 - Joins

✓ Lesson 4.7 - INNER JOIN

✓ Lesson 4.8 - LEFT JOIN

✓ Lesson 4.9 - RIGHT JOIN

✓ Lesson 4.10 - CROSS JOIN

Showing Lessons 4.1 - 4.9

^ COLLAPSE ^

Task #5 - Points: 1

Text: Advanced Queries Lessons 5.1 - 5.11

Task Screenshots:

Task Screenshots:

Gallery Style: Large View

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Medium

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✓ 5. Advanced queries

DONE

11 of 11 lessons completed

✓ Lesson 5.1 - Self Join

✓ Lesson 5.2 - UNION

✓ Lesson 5.3 - GROUP BY

✓ Lesson 5.4 - HAVING

✓ Lesson 5.5 - EXISTS

✓ Lesson 5.6 - ANY, ALL

✓ Lesson 5.7 - INSERT SELECT

✓ Lesson 5.8 - CASE

✓ Lesson 5.9 - Null Functions

✓ Lesson 5.10 - Comments

✓ Lesson 5.11 - Operators

Showing Lessons 5.1 - 5.11



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Task #6 - Points: 1

Text: Database Management Lessons 6.3 - 6.15

Task Screenshots:

Gallery Style: Large View

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Large

✓ 6. Database management

DONE

16 of 16 lessons completed

✓ Lesson 6.1 - Create DB

✓ Lesson 6.2 - Drop DB

✓ Lesson 6.3 - Create Table

✓ Lesson 6.9 - Primary Key

✓ Lesson 6.10 - Foreign Key

✓ Lesson 6.11 - Check

- ✓ Lesson 6.4 - Drop Table
- ✓ Lesson 6.5 - Alter Table
- ✓ Lesson 6.6 - Constraints
- ✓ Lesson 6.7 - Not Null
- ✓ Lesson 6.8 - Unique

- ✓ Lesson 6.12 - Default
- ✓ Lesson 6.13 - Create Index
- ✓ Lesson 6.14 - Auto Increment
- ✓ Lesson 6.15 - Dates
- ✓ Lesson 6.16 - Views

Showing Lessons 6.3 - 6.15

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Task #7 - Points: 1

Text: MySQL Quiz at least 65%

Details:

Note: This is the quiz at the end of the tutorial page

Task Screenshots:

Gallery Style: Large View

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Medium

Large

Quiz

1 ★ 100 points



You scored **100%** correct on the last quiz, and got **100 points** and a **star**.

Retake quiz



Reflection (2 pts.)

^ COLLAPSE ^

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
<input type="checkbox"/> #1	1	Mention specifics of what concepts/topics were totally new to you.
<input type="checkbox"/> #2	1	Mention specifics of what concepts/topics you already knew.
<input type="checkbox"/> #3	1	Mention specifics of any topics you still don't feel confident about. If everything makes sense so far you can mention so.
<input type="checkbox"/> #4	1	At least a few reasonable sentences.

Response:

Most of the topics from the "MySQL" reading were new to me. I did not know how to work with the data (e.g., columns, rows, values) to perform tasks like updating, inserting, ordering, deleting, and joining. However, I do have some very general knowledge of MySQL, such as the components of the table (rows and columns) and what primary and foreign keys are. A topic I am not fully comfortable with is joining tables. I had trouble understanding the differences between each type of join - such as not knowing when to use left or right join.

End of Assignment