

Submission Worksheet

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<https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-sql-readings-and-quiz/grade/df39>

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

Submissions:

Submission Selection

1 Submission [active] 2/26/2024 1:20:19 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

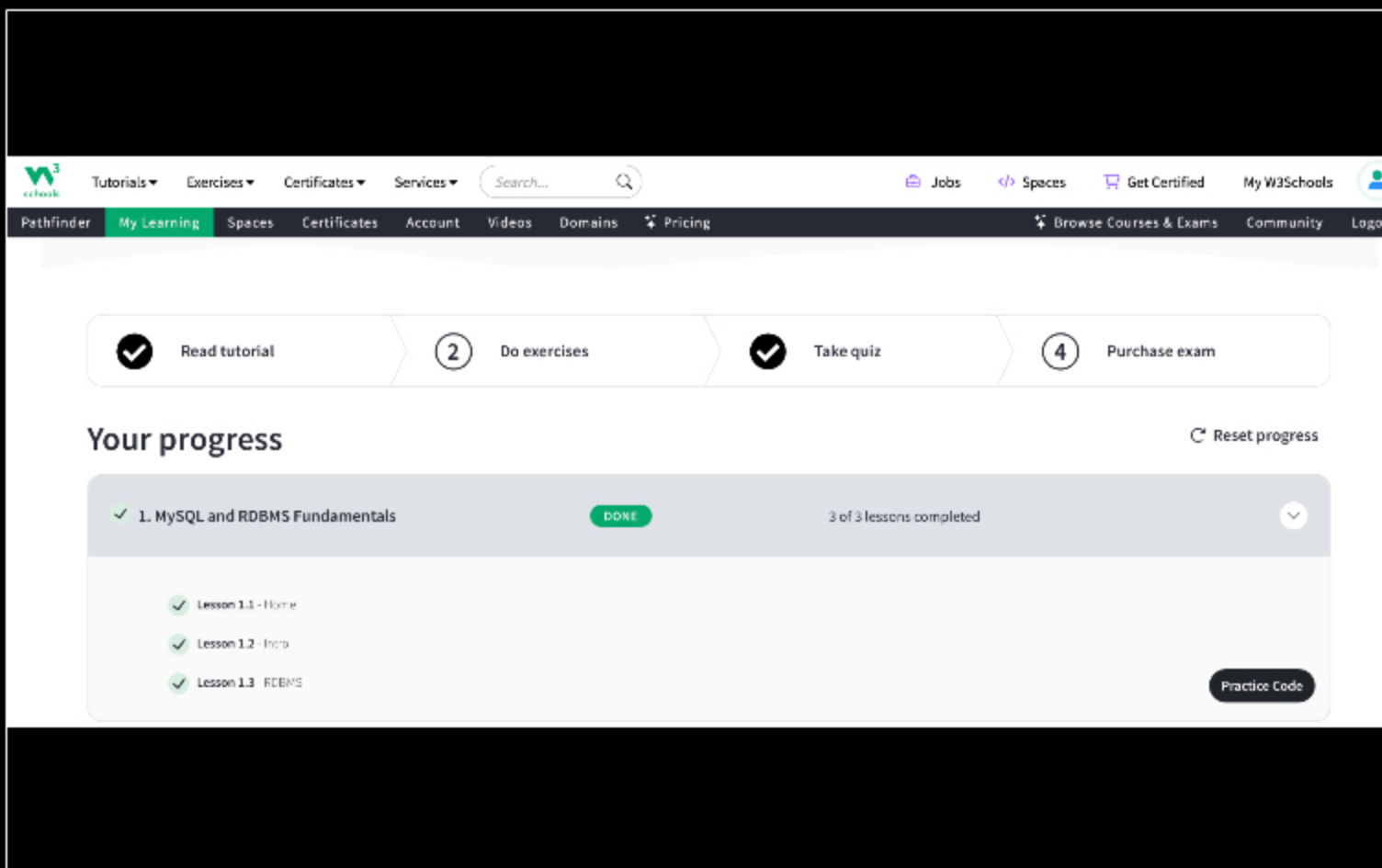
Task Screenshots:

Gallery Style: Large View

Small

Medium

Large



Lessons 1.1-1.3 done

Task #2 - Points: 1

Text: Query Basics Lessons 2.1 - 2.8

Task Screenshots:

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✓ 1. MySQL and RDBMS FundamentalsDONE3 of 3 lessons completed

✓ 2. Query basicsDONE8 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

Practice Code

Lessons 2.1-2.8

COLLAPSE

Task #3 - Points: 1

Text: Data Manipulation Lessons 3.1 - 3.4

Task Screenshots:

Gallery Style: Large View

SmallMediumLarge

✓ 3. Data manipulationDONE4 of 4 lessons completed

- ✓ Lesson 3.1 - INSERT INTO
- ✓ Lesson 3.2 - NULL Values
- ✓ Lesson 3.3 - UPDATE
- ✓ Lesson 3.4 - DELETE

Practice Code


Lessons 3.1-3.4 done.

Task #4 - Points: 1


Text: Query Techniques Lessons 4.1 - 4.9

Task Screenshots:


Gallery Style: Large View



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
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
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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

Practice Code

Lessons 4.1-4.9

Task #5 - Points: 1

Text: Advanced Queries Lessons 5.1 - 5.11

Task Screenshots:

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✓ 5. Advanced queries

DONE

11 of 11 lessons completed

Lesson 5.1 - Self Join

Lesson 5.2 - JOIN

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

Practice Code

5.1-5.11

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Task #6 - Points: 1

Text: Database Management Lessons 6.3 - 6.15

Task Screenshots:

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✓ 6. Database management

DONE

16 of 16 lessons completed

Lesson 6.1 - Create DB

Lesson 6.2 - Primary Key

- ✓ Lesson 6.2 - Drop DB
- ✓ Lesson 6.3 - Create Table
- ✓ Lesson 6.4 - Drop Table
- ✓ Lesson 6.5 - Alter Table
- ✓ Lesson 6.6 - Constraints
- ✓ Lesson 6.7 - Not Null
- ✓ Lesson 6.8 - Unique
- ✓ Lesson 6.10 - Foreign Key
- ✓ Lesson 6.11 - Check
- ✓ Lesson 6.12 - Default
- ✓ Lesson 6.13 - Create Index
- ✓ Lesson 6.14 - Auto Increment
- ✓ Lesson 6.15 - Dates
- ✓ Lesson 6.16 - Views

Practice Code

Lessons 6.3-6.15

COLLAPSE

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:

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SQL Quiz

Result:

23 of 25

92%

You can be proud of yourself!

Time Spent
24:00

Check your answers
Try Again
Back to Quizzes

Share your score:

Quiz 92%

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 SQL was completely new to me. All I know how to previously do was create a new table and insert information and data into it. I still don't feel too confident about editing/updating tables without accidentally overwriting data and losing it all.

End of Assignment