Submission Worksheet

CLICK TO GRADE

https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-sql-readings-and-quiz/grade/tlj3

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

Submissions:

Submission Selection

1 Submission [active] 2/25/2024 12:11:22 AM

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.)
∧COLLAPSE ∧

● Task #1 - Points: 1
∧COLLAPSE ∧

Text: MySQL and RDBMS Fundamentals Lessons 1.1 - 1.3

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

✓ 1. MySQL and RDBMS Fundamentals   3 of

✓ Lesson 1.1 - Home

✓ Lesson 1.2 - Intro

✓ Lesson 1.3 - RDBMS

Screenshot of MySQL and RDBMS Fundamentals Lessons 1.1-1.3

● Task #2 - Points: 1
∧COLLAPSE ∧

Text: Query Basics Lessons 2.1 - 2.8

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

2. Query basics

✓ **2. Query basics**   DONE   8 of 8 lessons completed

✓ **Lesson 2.1** - SQL   ✓ **Lesson 2.5** - ORDER BY

✓ **Lesson 2.2** - SELECT   ✓ **Lesson 2.6** - LIMIT

✓ **Lesson 2.3** - WHERE   ✓ **Lesson 2.7** - MIN and MAX

✓ **Lesson 2.4** - AND, OR, NOT ✓ **Lesson 2.8** - COUNT, AVG, SUM

Screenshot of Query Basics Lessons 2.1-2.8

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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

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 4.6** - Joins

✓ **Lesson 4.2** - Wildcards   ✓ **Lesson 4.7** - INNER JOIN

✓ **Lesson 4.3** - IN   ✓ **Lesson 4.8** - LEFT JOIN

✓ **Lesson 4.4** - BETWEEN   ✓ **Lesson 4.9** - RIGHT JOIN

✓ **Lesson 4.5** - Aliases   ✓ **Lesson 4.10** - CROSS JOIN

Task #5 - Points: 1

Text: **Advanced Queries Lessons 5.1 - 5.11**

Task Screenshots:

Small   Medium   Large

✓ **5. Advanced queries**   **DONE**   11 of 11 lessons completed

✓ **Lesson 5.1** - Self Join   ✓ **Lesson 5.7** - INSERT SELECT

✓ **Lesson 5.2** - UNION   ✓ **Lesson 5.8** - CASE

✓ **Lesson 5.3** - GROUP BY   ✓ **Lesson 5.9** - Null Functions

✓ **Lesson 5.4** - HAVING   ✓ **Lesson 5.10** - Comments

✓ **Lesson 5.5** - EXISTS   ✓ **Lesson 5.11** - Operators

✓ **Lesson 5.6** - ANY, ALL

Screenshot of Advanced Queries Lessons 5.1-5.11

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Task #6 - Points: 1

Text: Database Management Lessons 6.3 - 6.15

Task Screenshots:

Small   Medium   Large

✓ **6. Database management**   **DONE**   16 of 16 lessons completed

✓ **Lesson 6.1** - Create DB   ✓ **Lesson 6.9** - Primary Key

✓ **Lesson 6.2** - Drop DB   ✓ **Lesson 6.10** - Foreign Key

✓ **Lesson 6.3** - Create Table   ✓ **Lesson 6.11** - Check

Lesson 6.4 - Drop Table	Lesson 6.12 - Default
Lesson 6.5 - Alter Table	Lesson 6.13 - Create Index
Lesson 6.6 - Constraints	Lesson 6.14 - Auto Increment
Lesson 6.7 - Not Null	Lesson 6.15 - Dates
Lesson 6.8 - Unique	Lesson 6.16 - Views

Screenshot of Database Management 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:

Gallery Style: Large View

Small   Medium   Large

MySQL Quiz

Result:

23 of 25

92%

You can be proud of yourself!

Screenshot of the MySQL Quiz, with a score of 92%

● Reflection (2 pts.)

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●

∧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
☐ #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:

I was never really confident with MySQL. I learned it in my previous institute and my professor there wasn't the best, so I had to do a lot of learning on my own. I hope to learn it better in this class. I'm familiar with many of the topics, mainly the basics like most of the Query Techniques, the Data Manipulation, and the Query Basics. I'm also familiar with creating a table and DB, dropping them, Primary key and Foreign key. However, I'm not confident with most of those topics, which is why I hope to gain a better understanding of it in this course. I knew about JOIN, but I never learned about INNER, LEFT, RIGHT, SELF, and CROSS. In my previous institute, we also never touched on the topics in the Advanced Queries section.

End of Assignment