Submission Worksheet

IT202-452-M2024 - [IT202] Module 4 SQL Readings and Quiz

Submissions:

Submission Selection

1 Submission [active] 6/16/2024 6:48:17 PM
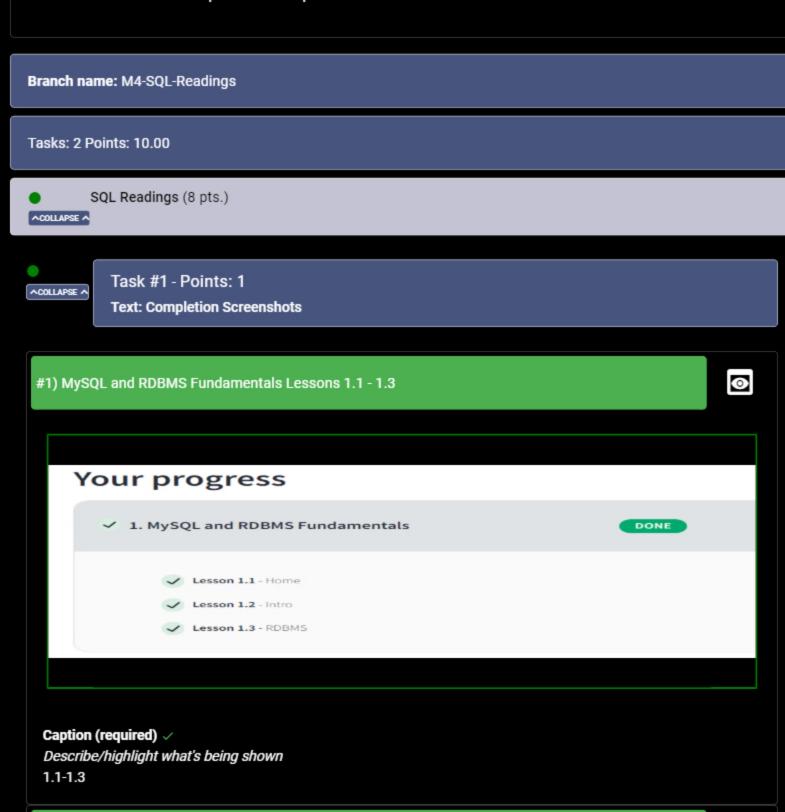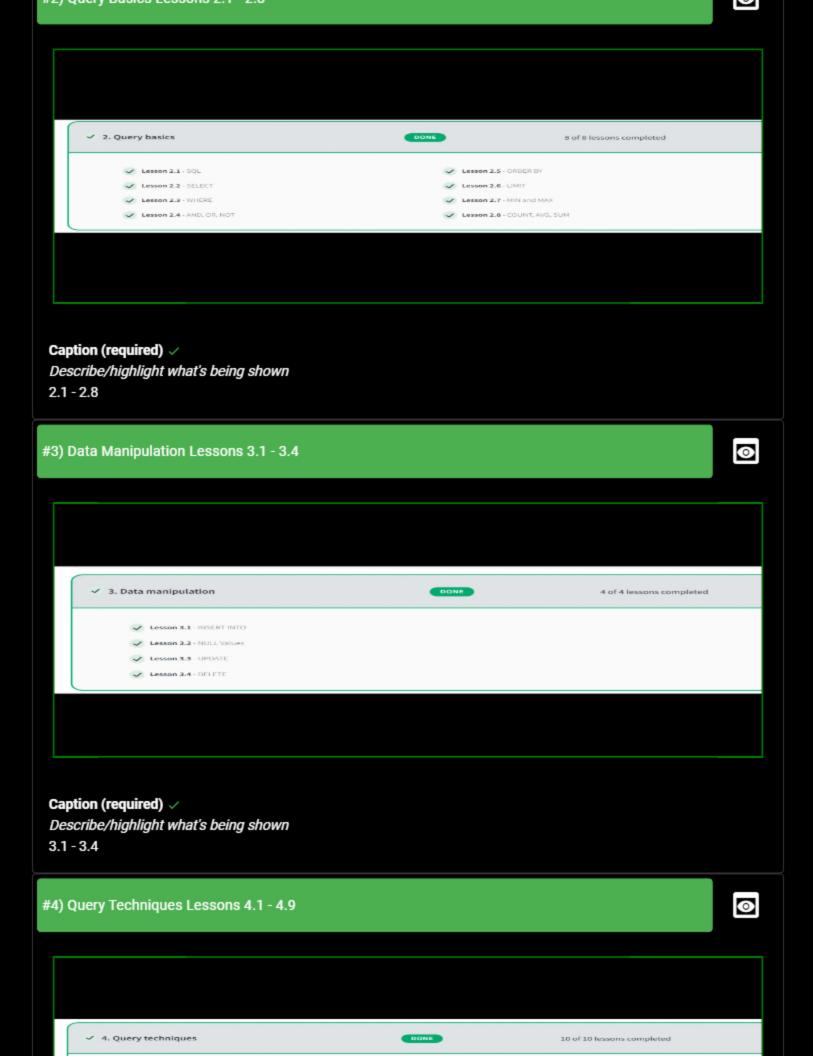
Instructions

∧ COLLAPSE ∧

1. Visit w3schools and go to the HTML Tutorial: https://my-learning.w3schools.com/tutorial/mysql
   1. MySQL and RDBMS Fundamentals Lessons 1.1 - 1.3
   2. Query Basics Lessons 2.1 - 2.8
   3. Data Manipulation Lessons 3.1 - 3.4
   4. Query Techniques Lessons 4.1 - 4.9
   5. Advanced Queries Lessons 5.1 - 5.11
   6. Database Management Lessons 6.3 - 6.15
   7. MySQL Quiz at the end of the tutorial

Guide:

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

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

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

4. Once finished, export the worksheet

5. Add the output file to any location of your choice in your repository folder

6. Check that git sees it via `git status`

7. If everything is good, continue to submit

8. Track the file(s) via `git add`

9. Commit the changes via `git commit` (don't forget the commit message)

10. Push the changes to GitHub via `git push` (don't forget to refer to the proper branch)

11. Create a pull request from the homework related branch to main (i.e., main <- "homework branch")

12. Open and complete the merge of the pull request (it should turn purple)

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

14. Take the same output file and upload it to Canvas

Branch name: M4-SQL-Readings

Tasks: 2 Points: 10.00

● SQL Readings (8 pts.)

^COLLAPSE ^

●
^COLLAPSE ^

Task #1 - Points: 1

Text: Completion Screenshots

#1) MySQL and RDBMS Fundamentals Lessons 1.1 - 1.3

Your progress

| ✓ 1. MySQL and RDBMS Fundamentals | DONE |

✓ **Lesson 1.1** - Home
✓ **Lesson 1.2** - Intro
✓ **Lesson 1.3** - RDBMS

Caption (required) ✓
Describe/highlight what's being shown
1.1-1.3

#2) Query Basics Lessons 2.1 - 2.8

✓ 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

Caption (required) ✓

Describe/highlight what's being shown

2.1 - 2.8

#3) Data Manipulation Lessons 3.1 - 3.4

✓ 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

Caption (required) ✓

Describe/highlight what's being shown

3.1 - 3.4

#4) Query Techniques Lessons 4.1 - 4.9

✓ 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

Caption (required) ✓
Describe/highlight what's being shown
4.1 - 4.9

#5) Advanced Queries Lessons 5.1 - 5.11 👁

✓ 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	

Caption (required) ✓
Describe/highlight what's being shown
5.1-5.11

#6) Database Management Lessons 6.3 - 6.15 👁

✓ 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

Caption (required) ✓
Describe/highlight what's being shown
6.3-6.15

#7) MySQL Quiz at least 65% 👁

Result:

24 of 25

96%

You can be proud of yourself!

Time Spent
3:27

[Check your answers] [Try Again] [Back to Quizzes]

Caption (required) ✓
Describe/highlight what's being shown
quiz

🟡 **Reflection (2 pts.)**
∧COLLAPSE∧

🟡
∧COLLAPSE∧ **Task #1 - Points: 1**
Text: Fill in the below prompts

#1) What concepts/topics were totally new to you? 👁

Explanation (required) ✓
Mention specific concepts/topics
📄 PREVIEW RESPONSE
Some of the advanced queries: UNION, CASE, HAVING. I've never used them.

#2) What concepts/topics were you already familiar with? 👁

Explanation (required) ✓

Mention specific concepts/topics

📄 PREVIEW RESPONSE

Most of the concepts pertaining to databases since I've used it so often.

#3) What topics do you still not feel confident about? If confident, explain why.

👁

Explanation (required) ✓

At least a few reasonable sentences.

📄 PREVIEW RESPONSE

I've used MySQL a LOT so I would hope I am confident in databases, queries, etc. However, a lot of the advanced queries I have never needed to use since the complexity required never got there.

End of Assignment