Submission Worksheet

IT202-450-M2024 - [IT202] Module 4 SQL Readings and Quiz

Submissions:

Submission Selection

1 Submission [active] 6/17/2024 9:26:53 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

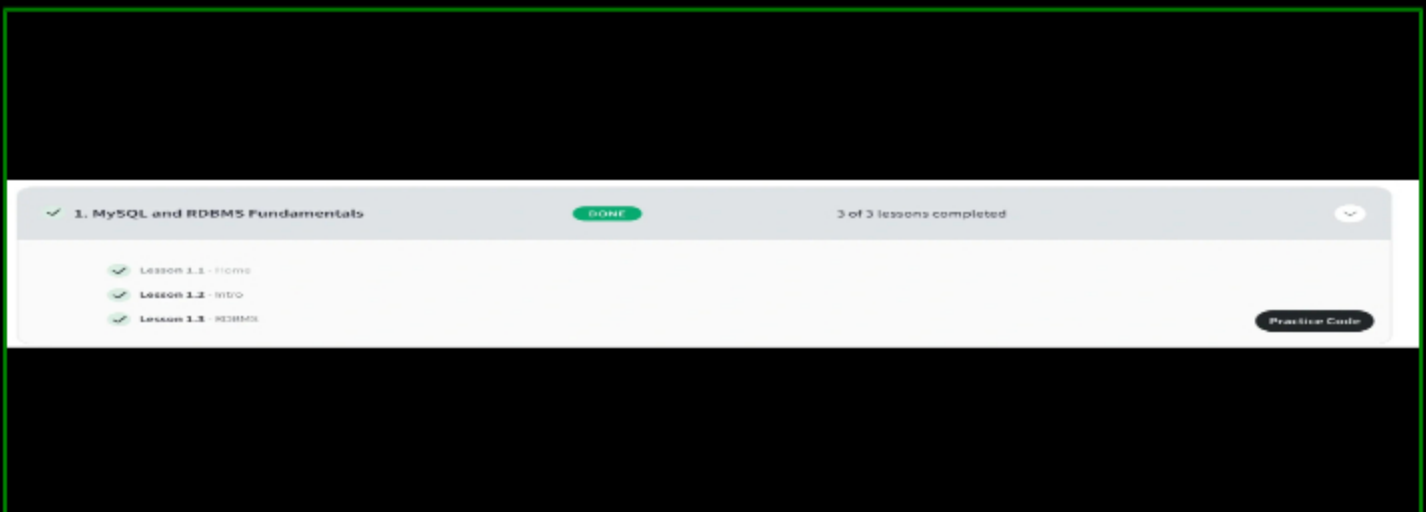---

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

| ✓ 1. MySQL and RDBMS Fundamentals | DONE | 3 of 3 lessons completed | ⌄ |

Lesson 1.1 - Home
Lesson 1.2 - Intro
Lesson 1.3 - RDBMS   Practice Code

Caption (required) ✓
Describe/highlight what's being shown
screenshot of lessons 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

Practice Code

Caption (required) ✓
Describe/highlight what's being shown
screenshot of lessons 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 |

Practice Code

Caption (required) ✓
Describe/highlight what's being shown
screenshot of lessons 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

Practice Code

Caption (required) ✓
Describe/highlight what's being shown
screenshot of lessons 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	

Practice Code

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

#6) Database Management Lessons 6.3 - 6.15

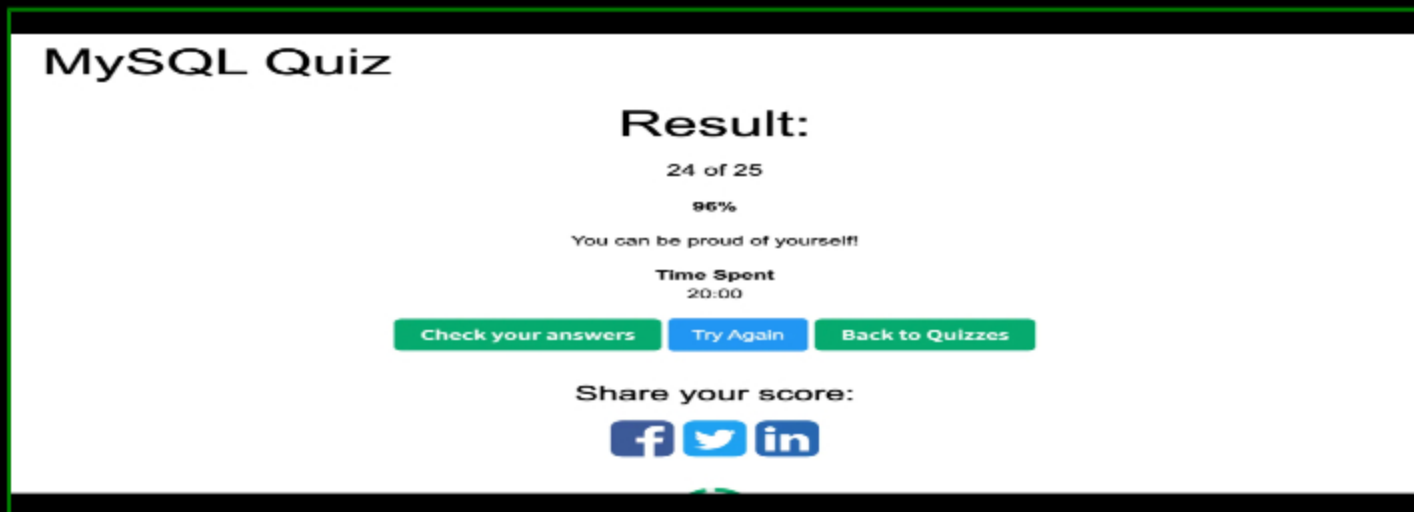| ✓ 6. Database management	DONE	16 of 16 lessons completed	⌄

✓ 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

Practice Code

Caption (required) ✓

Describe/highlight what's being shown

screenshot of lessons 6.3 - 6.15

#7) MySQL Quiz at least 65% 👁

MySQL Quiz

Result:

24 of 25

96%

You can be proud of yourself!

Time Spent
20:00

| Check your answers | Try Again | Back to Quizzes |

Share your score:

[Facebook] [Twitter] [LinkedIn]

Caption (required) ✓

Describe/highlight what's being shown

screenshot of MySQL Quiz at least 65%

🟡 **Reflection (2 pts.)**
⌃COLLAPSE⌃

🟡

⌃COLLAPSE⌃ | **Task #1 - Points: 1**

Text: Fill in the below prompts

#1) What concepts/topics were totally 👁

#2) What concepts/topics were you 👁

#3) What topics do you still not feel confident 👁

Explanation (required)
✓

Mention specific concepts/topics

[📄 PREVIEW RESPONSE]

Learning joins, using wildcards, and creating databases has been totally new to me. I

Explanation (required)
✓

Mention specific concepts/topics

[📄 PREVIEW RESPONSE]

I've learned a few SQL statements prior to this in my IT101 course, like 'select', 'where', and

Explanation (required)
✓

At least a few reasonable sentences.

[📄 PREVIEW RESPONSE]

I still don't feel confident using joins because i'm not completely grasping how the dot operator is

haven't heard of these utilities in sql before, however, wildcards has been the most interesting and easy to learn. I feel like it's a very usefuil tool to search up specific information and would be used quite often. Same for creating databases. Joins, however, was quite difficult to grasp the concept of and I looked up the reasoning for the use seperately which helped to me see what occurs in the table when the command is used.

'order by'. Since i've studied using these statements already, I was comfortable with using it, understanding it better this time. The excersices given in the reading shelped me better understand how the statements are implemented and how to use them effectively.

being used in this case. i'm not sure which tablenames to combine with one another. when looking at the examples it seems like there is a specific pattern to how the dot operataor is used however, im not able to follow what that pattern is

End of Assignment