Submission Worksheet

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

1.
   1.
   2.
   3.
   4.
   5.
   6.
   7.

Submissions:

Submission Selection

1 Submission [active] 2/22/2024 3:34:08 PM

Instructions

^ COLLAPSE ^

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

Guide:
8.

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

● 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   DONE   3 of 3 lessons completed

✓ **Lesson 1.1** - Home

✓ **Lesson 1.2** - Intro

✓ **Lesson 1.3** - RDBMS

finished 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

finished 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

finished lessons 3.1-3.4

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

finished lessons 4.1-4.9

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

finished 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**   IN PROGRESS   15 of 16 lessons completed

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

✓ **Lesson 6.2** - Drop DB   ✓ **Lesson 6.10** - Foreign Key
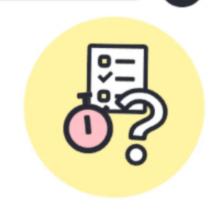
✓ **Lesson 6.3** - Create Table   ✓ **Lesson 6.11** - Check

✓ **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

finished lessons 6.3-6.15

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Task #7 - Points: 1

Text: MySQL Quiz at least 65%

ℹ️ **Details:**
Note: This is the quiz at the end of the tutorial page

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

Quiz

0 ★   92 points   ✓

You scored **92%** correct on the last quiz, and got **92 points**.

Want a star? Get all correct.

Retake quiz

scored 92% on MySQL Quiz

● 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 am taking a Database Management and Design class this semester, so many topics such as primary and foreign keys are not completely new topics. Reading through the W3 schools lessons did help me understand the concepts a bit better, however. I learned a lot of new keywords such as INNER JOIN, RIGHT JOIN, and LEFT JOIN. I think I understand the concepts fairly easily, but I need more practice writing out more queries.

End of Assignment