Submission Worksheet

CLICK TO GRADE

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

Submissions:

Submission Selection

1 Submission [active] 2/20/2024 2:33:54 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

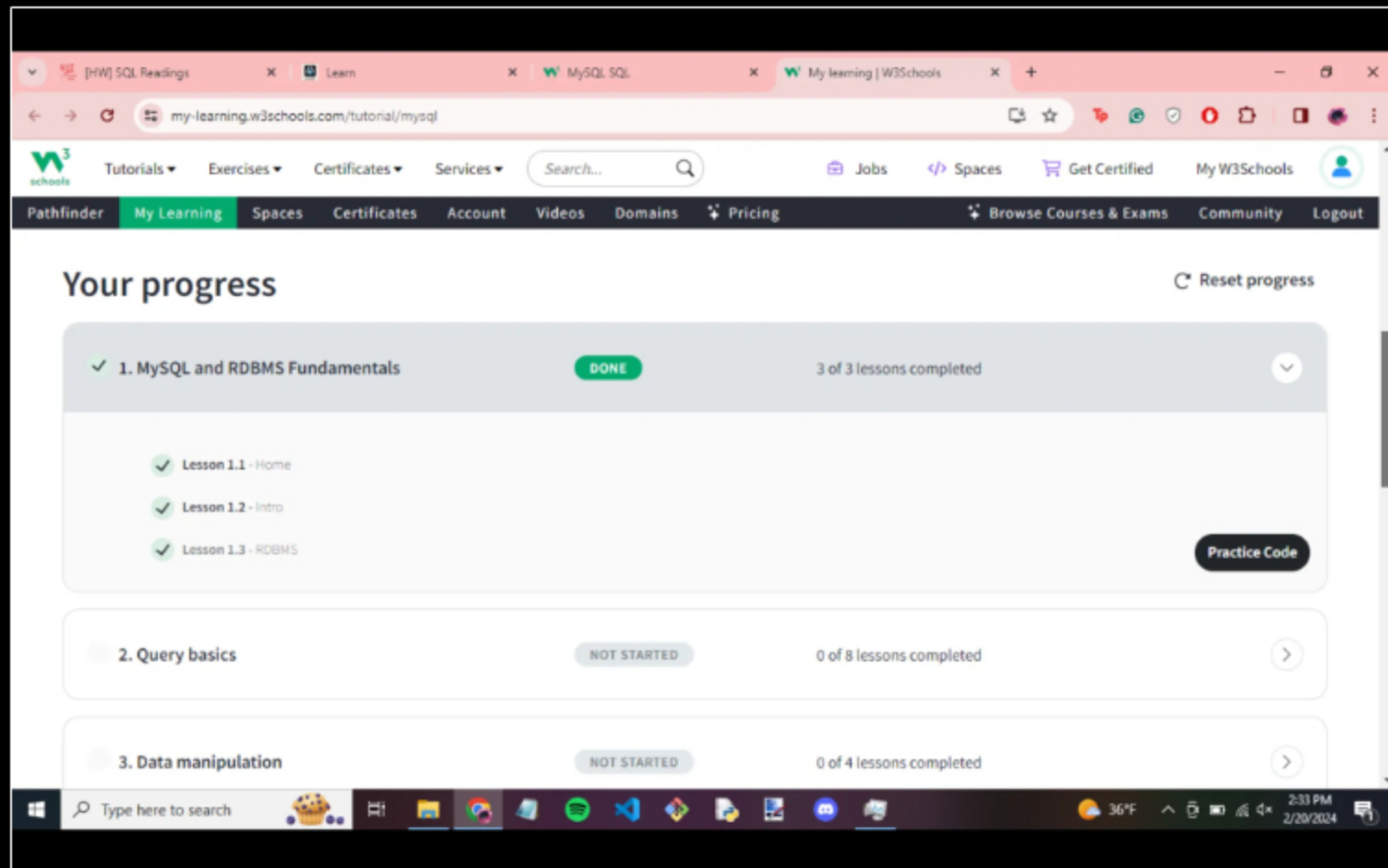● SQL Readings (8 pts.)
^COLLAPSE^

●
^COLLAPSE^

Task #1 - Points: 1

Text: MySQL and RDBMS Fundamentals Lessons 1.1 - 1.3

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

SQL 1

●
^COLLAPSE^

Task #2 - Points: 1

Text: Query Basics Lessons 2.1 - 2.8

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

Browser screenshot — My learning | W3Schools (my-learning.w3schools.com/tutorial/mysql)

- ✓ 1. MySQL and RDBMS Fundamentals — DONE — 3 of 3 lessons completed
- ✓ 2. Query basics — DONE — 8 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
- ✓ 3. Data manipulation — DONE — 4 of 4 lessons completed
- 4. Query techniques — IN PROGRESS — 1 of 10 lessons completed

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SQL2

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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

Browser screenshot — My learning | W3Schools (my-learning.w3schools.com/tutorial/mysql)

- 2. Query basics — DONE
- ✓ 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

4. Query techniques	IN PROGRESS	1 of 10 lessons completed	>
5. Advanced queries	NOT STARTED	0 of 11 lessons completed	>

SQL 3

Task #4 - Points: 1

Text: Query Techniques Lessons 4.1 - 4.9

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

3. Data manipulation	DONE	4 of 4 lessons completed	>

4. Query techniques	DONE	10 of 10 lessons completed	v

- ✔ 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

5. Advanced queries	IN PROGRESS	1 of 11 lessons completed	>

4

Task #5 - Points: 1

Text: Advanced Queries Lessons 5.1 - 5.11

Task Screenshots:

Small   Medium   Large

5

Task #6 - Points: 1

Text: Database Management Lessons 6.3 - 6.15

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Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

✓ 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

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6

^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

w3schools.com/quiztest/quiztest.asp?qtest=MYSQL

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Quiz NumPy

MySQL Quiz

Result:

23 of 25

92%

You can be proud of yourself!

Time Spent
40:49

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COLOR PICKER

Type here to search   46°F   6:49 PM 2/26/2024

92%

● Reflection (2 pts.)
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●
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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 had previously taken a database and design management class at NJIT, so I was familiar with all the topics introduced in the readings. In specific, I knew the concepts of JOINS and query basics such as SELECT and WHERE. Overall, everything has made sense so far.

End of Assignment