

# Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-sql-readings-and-quiz/grade/jn426>

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.)

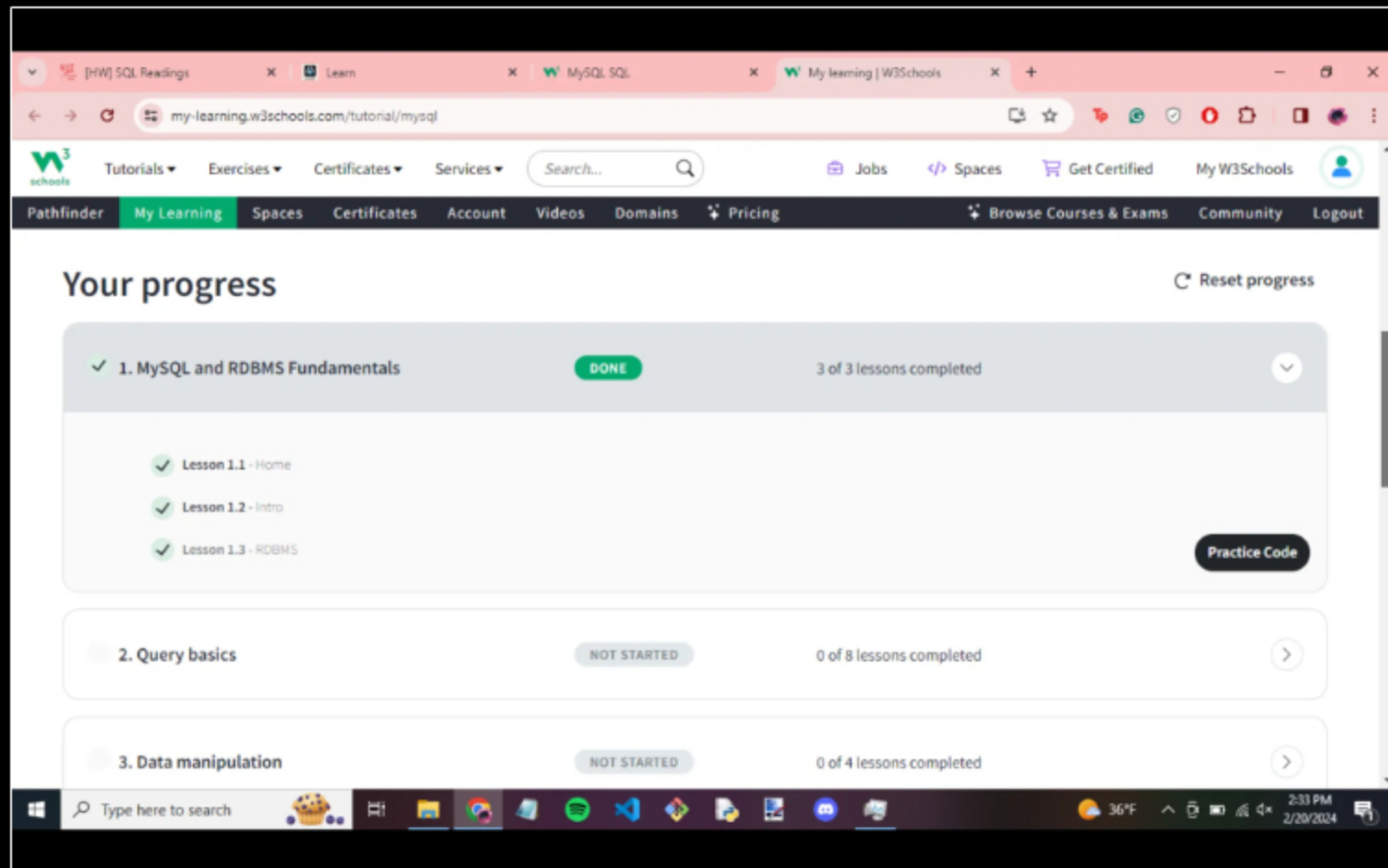
^COLLAPSE ^

Task #1 - Points: 1  
Text: MySQL and RDBMS Fundamentals Lessons 1.1 - 1.3

Task Screenshots:

Gallery Style: Large View

Small Medium Large



The screenshot shows a web browser window with the URL `my-learning.w3schools.com/tutorial/mysql`. The page title is "Your progress" and it includes a "Reset progress" link. The main content area displays a list of lessons under the heading "1. MySQL and RDBMS Fundamentals". The first lesson, "Lesson 1.1 - Home", is marked as "DONE" and shows "3 of 3 lessons completed". Below it, "Lesson 1.2 - Intro" and "Lesson 1.3 - RDBMS" are also marked as "DONE". A "Practice Code" button is visible next to Lesson 1.3. The second lesson, "2. Query basics", is marked as "NOT STARTED" and shows "0 of 8 lessons completed". The third lesson, "3. Data manipulation", is also marked as "NOT STARTED" and shows "0 of 4 lessons completed". The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right shows the temperature as 36°F and the time as 2:33 PM on 2/20/2024.

SQL 1

Task #2 - Points: 1  
Text: Query Basics Lessons 2.1 - 2.8

Task Screenshots:

Gallery Style: Large View

Small Medium Large

W3schools my-learning.w3schools.com/tutorial/mysql

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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

Type here to search

2:38 PM 2/29/2024

## SQL2

Task #3 - Points: 1

Text: Data Manipulation Lessons 3.1 - 3.4

Task Screenshots:

Gallery Style: Large View

Small

Medium

Large

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2. Query basics DONE 8 of 8 lessons completed

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

>

Type here to search

2:39 PM 2/29/2024

SQL 3

Task #4 - Points: 1

Text: Query Techniques Lessons 4.1 - 4.9

Task Screenshots:

Gallery Style: Large View

Small Medium Large

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3. Data manipulation

DONE

4 of 4 lessons completed

>

4. Query techniques

DONE

10 of 10 lessons completed

>

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

>

Type here to search

37°F 4:09 PM 2/29/2024

Task #5 - Points: 1

Text: Advanced Queries Lessons 5.1 - 5.11

Task Screenshots:

Gallery Style: Large View

Small

Medium

Large

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4. Query techniques

DONE

10 of 10 lessons completed

5. Advanced queries

DONE

11 of 11 lessons completed

Lesson 5.1 - Self Join

Lesson 5.2 - UNION

Lesson 5.3 - GROUP BY

Lesson 5.4 - HAVING

Lesson 5.5 - EXISTS

Lesson 5.6 - ANY, ALL

Lesson 5.7 - INSERT SELECT

Lesson 5.8 - CASE

Lesson 5.9 - Null Functions

Lesson 5.10 - Comments

Lesson 5.11 - Operators

Practice Code

6. Database management

IN PROGRESS

1 of 16 lessons completed

Type here to search

37°F

4:11 PM 2/20/2024

5

^COLLAPSE ^

Task #6 - Points: 1

Text: Database Management Lessons 6.3 - 6.15

Task Screenshots:

Gallery Style: Large View

Small

Medium

Large

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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 6.3 - Create Table
- ✓ Lesson 6.4 - Drop Table
- ✓ Lesson 6.5 - Alter Table
- ✓ Lesson 6.6 - Constraints
- ✓ Lesson 6.7 - Not Null
- ✓ Lesson 6.8 - Unique

- ✓ Lesson 6.10 - Foreign Key
- ✓ Lesson 6.11 - Check
- ✓ Lesson 6.12 - Default
- ✓ Lesson 6.13 - Create Index
- ✓ Lesson 6.14 - Auto Increment
- ✓ Lesson 6.15 - Dates
- ✓ Lesson 6.16 - Views

Practice Code

6

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

The screenshot displays the W3Schools MySQL Quiz result page. The browser's address bar shows the URL `w3schools.com/quiztest/quiztest.asp?qtest=MYSQL`. The page features a sidebar on the left with a list of quizzes, including HTML, CSS, JavaScript, SQL, Python, Java, PHP, and others. The main content area displays the quiz result: "MySQL Quiz" with a score of "23 of 25" (92%) and a time spent of "40:49". Below the score, there is a message "You can be proud of yourself!" and three buttons: "Check your answers", "Try Again", and "Back to Quizzes". The right sidebar contains a "Get Certified" banner with the text "Get Full Access! Save 770\$" and a "Start Today!" button, as well as a "Color Picker" tool. The bottom of the page shows social media sharing options for Facebook, Twitter, and LinkedIn.

92%

Reflection (2 pts.)

^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
<input type="checkbox"/> #1	1	Mention specifics of what concepts/topics were totally new to you.
<input type="checkbox"/> #2	1	Mention specifics of what concepts/topics you already knew.
<input type="checkbox"/> #3	1	Mention specifics of any topics you still don't feel confident about. If everything makes sense so far you can mention so.
<input type="checkbox"/> #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