Submission Worksheet

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https://learn.ethereallab.app/assignment/IT202-008-S2024/generic-git-readings-via-local/grade/lm457

IT202-008-S2024 - [Generic] Git Readings via Local

Submissions:

Submission Selection

1 Submission [active] 1/29/2024 10:47:40 PM

Instructions

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Preliminary Setup:

1 .Go to w3schools.com
2 .Create an account (preferably with your college account)
3 .Visit my-learning.w3schools.com/tutorial/git
4 .Complete the following readings:
    1 .Essentials 1.1, 1.2, 1.3
    2 .Essential Commands 2.1, 2.2, 2.3, 2.4
    3 .Branch Management 3.1, 3.2
    4 .Remote Collaboration 4.1-4.9
    5 .Security Practices 6.1-6.3
    6 .Attempt the Git Quiz (aim for <=70%)

1 .Verify you're in the main branch via `git status` or `git branch`
    1 .If not, `git checkout main`
2 .Create a branch for this assignment `git checkout -b M1-Git-Readings`
3 .**Note**: In this assignment, we'll make the pull request later. In future assignments, we'll likely open it earlier so we can use the URL for assignments
4 .Fill in the items in the worksheet below (save as often as necessary)
5 .Once finished, export the worksheet
6 .Take the exported file and add it anywhere in your repository (a Module1 folder is best, but not required)
7 .Make sure git detects it by checking with `git status`
8 .If everything is good, continue to submit
    1 .Track the file either with `git add path/to/file` or `git add .`
    2 .Commit changes via `git commit -m "some relevant message"`
    3 .Push the changes via `git push origin M1-Git-Readings`
9 .Go to GitHub and use the dropdown in the top left to find the M1-Git-Readings branch and ensure the file is present
10 .If the file is there, either use the pull request popup or go to the pull request tab and open a request where main is base and M1-Git-Readings is compare
11 .Open and complete the merge of the pull request (it should turn purple)
12 .Go to your M1-Git-Readings branch on GitHub and navigate to the submission file
13 .Paste the direct link to that file on Canvas

Branch name: M1-Git-Readings

Tasks: 7 Points: 10.00

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Github Readings (10 pts.)

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Task #1 - Points: 1

Text: Complete Essentials

Details:
Lessons 1.1-1.3

Task Screenshots:

Large Gallery

All of Lesson 1 completed

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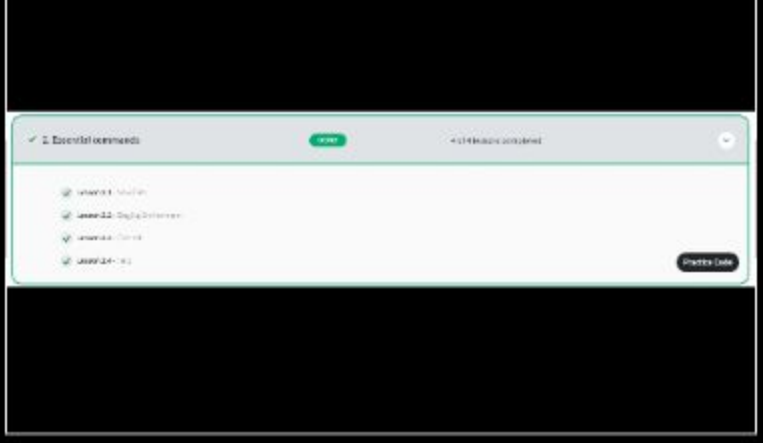
Task #2 - Points: 1

Text: Complete Essential Commands

Details:
Lessons 2.1-2.4

Task Screenshots:

Large Gallery



Completed all of lesson 2 components.

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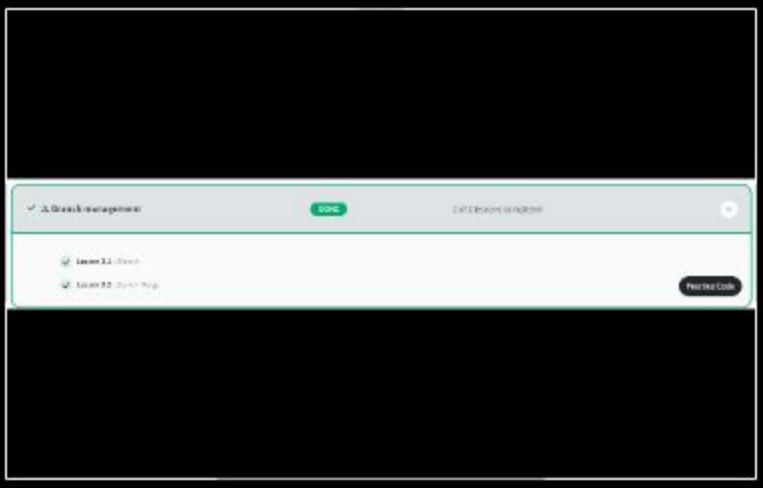
Task #3 - Points: 1

Text: Complete Branch Management

Details:
Lessons 3.1-3.2

Task Screenshots:

Large Gallery



Completed all of lesson 3 components.

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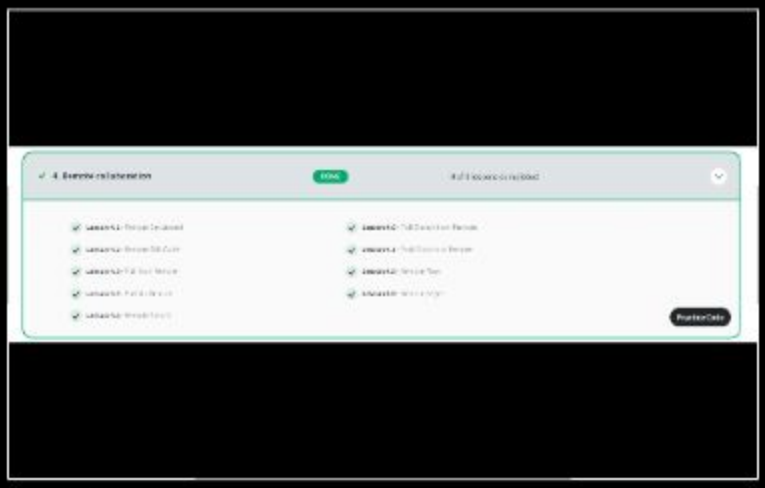
Task #4 - Points: 1

Text: Complete Remote Collaboration

Details:
Lessons 4.1-4.9

Task Screenshots:

Large Gallery



Completed all of lesson 4 components.

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Task #5 - Points: 1

Text: Complete Security Practices

Details:
Lessons 6.1-6.3

Task Screenshots:

Large Gallery

Completed all of lesson 6 components.

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Task #6 - Points: 1

Text: Attempt Quiz (>=70%)

Details:
Aim for 70% or higher for full marks

Task Screenshots:

Large Gallery

Completed the Git quiz.

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Task #7 - Points: 1

Text: Reflection

Details:
Summarize your understanding of the readings and how we'll be using git in this class.

Mention any issues you might have encountered and how you resolved them.

Checklist

*The checkboxes are for your own tracking

#	Points	Details
#1	1	Mentions issues or no issues
#2	1	Covers core concepts related to the readings
#3	1	At least a few reasonable sentences

Response:

Based on my understanding, it is abundantly clear that Git is going to be an integral component of this course. Reading through the W3 School lessons, I learned that git is almost like a shared workplace among programmers, with each one having their own localized environment. It essentially facilitates collaboration between people working on coding by allowing seamless interaction, revision, and approval of changes made by any specific individual. In doing so, it maintains the structural integrity of the main source code, while simultaneously allowing programmers to fix bugs, make improvements, or any changes for that matter, and have it peer-reviewed by anyone they wish to share their work with. And a critical differentiation for git is its ability to store logs or the entire history of all modifications and changes made to all files so programmers who collaborate yet work at separate times aren't lost in the changes made during their absence. As such, I think we will be using git in this class for a very similar reason, in that we will be

building/working on projects in groups, where we could remotely collaborate with our teammates. We would use git to make individual changes as we see fit to our main source code, create pull requests to have it reviewed and verified or changed by my peers/professor, and ultimately merge all of the changes to create a polished product that encompasses the changes made by each individual. As far as issues are concerned, the only bothersome thing I came across was the fact that I have to manually add my SSH key so I can enter and work in my GitHub remote repository every time I close and reopen GitBash. I'm sure there is an automatic or "global" setting for it, but I haven't figured it out yet so I'll do that when I get the chance. Apart from that, no real issues!

End of Assignment