Submission Worksheet

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https://learn.ethereallab.app/assignment/IT114-450-M2024/generic-module-1-git-readings-via-local/grade/jah89

IT114-450-M2024 - [Generic] Module 1 Git Readings via Local

Submissions:

Submission Selection

1 Submission [active] 5/25/2024 12:39:24 PM

Instructions

COLLAPSE

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%)
5. Verify you're in the main branch via `git status` or `git branch`
6. If not, `git checkout main`
7. Create a branch for this assignment `git checkout -b M1-Git-Readings`
8. **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
9. Fill in the items in the worksheet below (save as often as necessary)
10. Once finished, export the worksheet
11. Take the exported file and add it anywhere in your repository (a Module1 folder is best, but not required)
12. Make sure git detects it by checking with `git status`
13. 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`

14. Go to GitHub and use the dropdown in the top left to find the M1-Git-Readings branch and ensure the file is present
15. 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
16. Open and complete the merge of the pull request (it should turn purple)
17. Go to Canvas and upload the same PDF that you just downloaded and pushed to GitHub

Branch name: M1-Git-Readings

Tasks: 2 Points: 10.00

Github Readings (10 pts.)

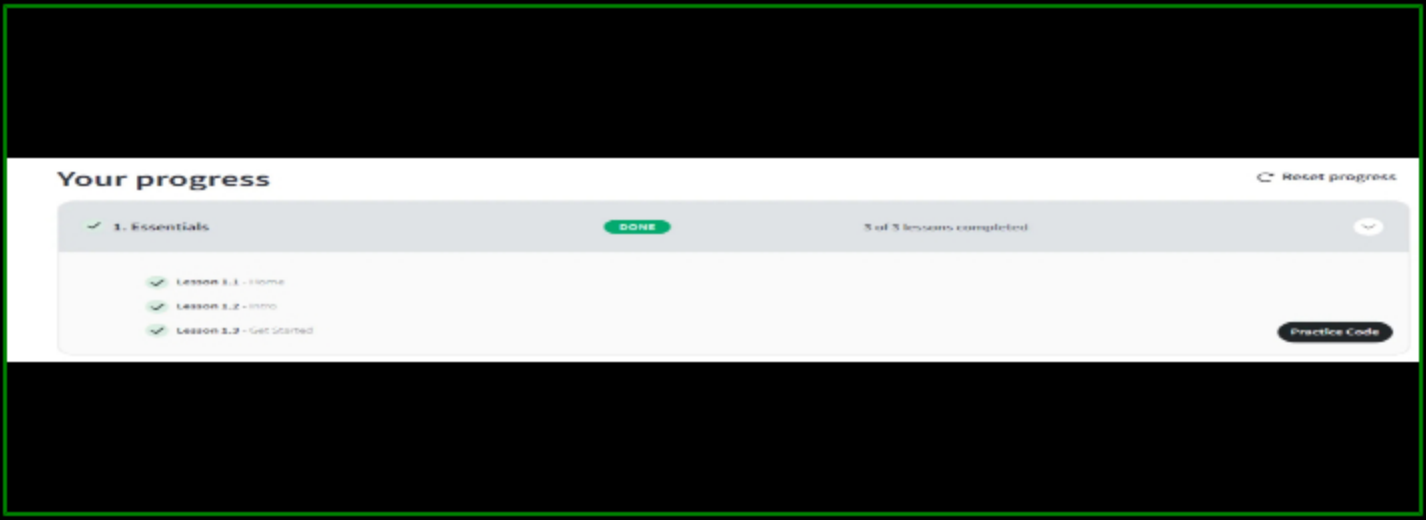
^COLLAPSE ^

^COLLAPSE ^

Task #1 - Points: 1

Text: Complete Reading of Below Topics

#1) Complete Essentials Lessons 1.1-1.3

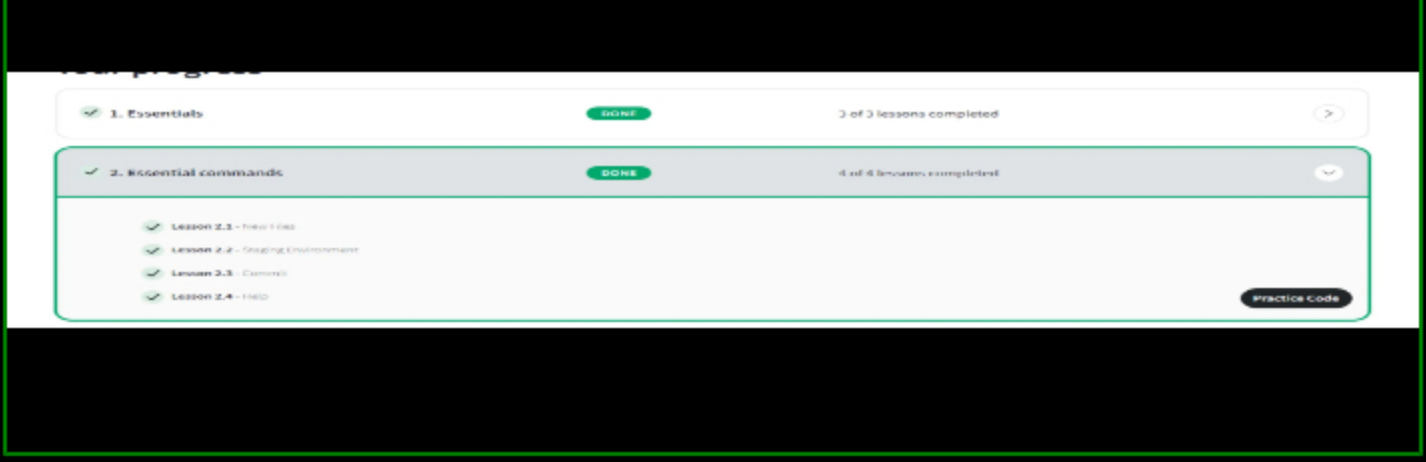


Caption (required) ✓

Describe/highlight what's being shown

Above you see that checkmark next to each lesson I have read.

#2) Complete Essential Commands Lessons 2.1-2.4

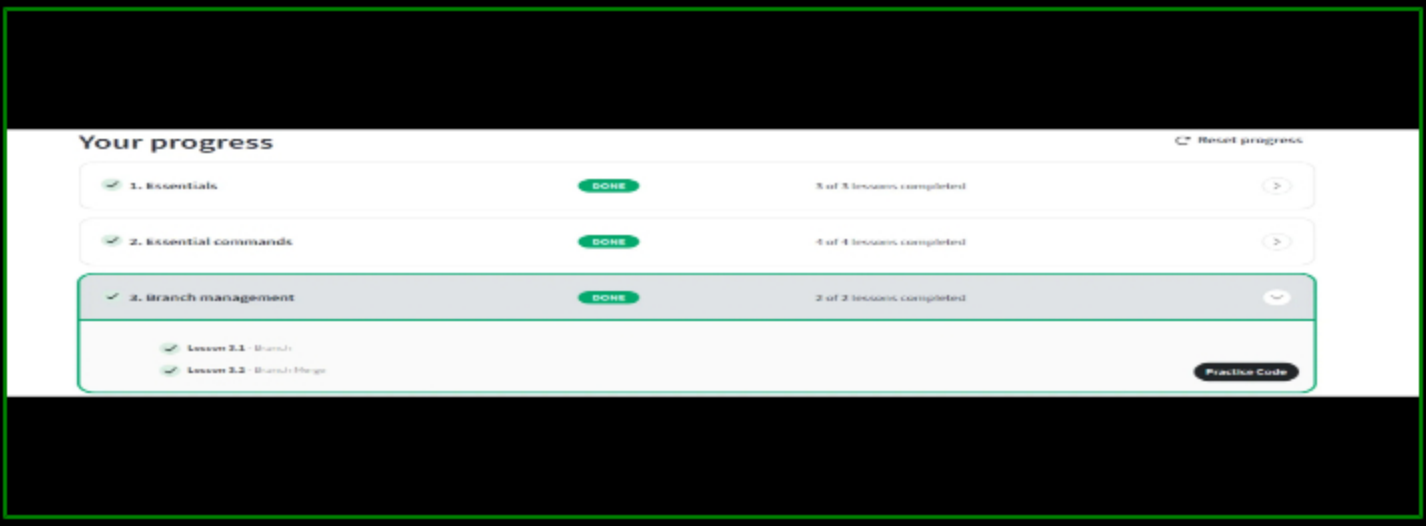


Caption (required) ✓

Describe/highlight what's being shown

You see checkmarks next to the lesson 2.1-2.4

#3) Complete Branch Management Lessons 3.1-3.2

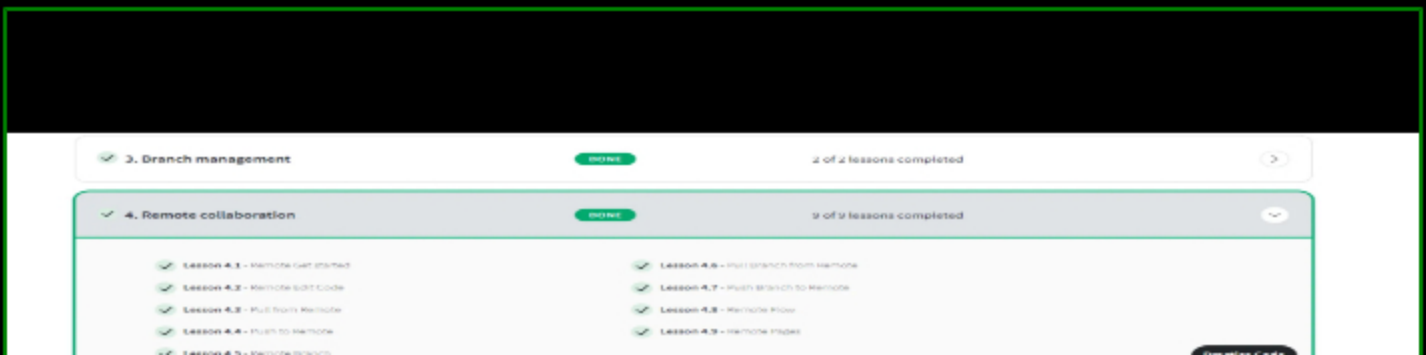


Caption (required) ✓

Describe/highlight what's being shown

Checkmarks showing the completed 3.1-3.2 lesson

#4) Complete Remote Collaboration Lessons 4.1-4.9



Caption (required) ✓
Describe/highlight what's being shown
Checkmarks showing each section was reviewed from 4.1-4.9

#5) Complete Security Practices Lessons 6.1-6.3

Caption (required) ✓
Describe/highlight what's being shown
Checkmarks showing completion of 6.1-6.3

#6) Attempt Quiz (>=70%)

Caption (required) ✓

Describe/highlight what's being shown
my score on the quiz of an 80%

^COLLAPSE ^

Task #2 - Points: 1

Text: Reflection

Details:
Each prompt should have a few reasonable sentences.

#1) Mentions issues or no issues

Explanation (required) ✓
Explain in concise steps how this logically works
No issues presented.

#2) Summarize core concepts related to the readings

Explanation (required) ✓
Explain in concise steps how this logically works
I learned a lot from these readings, one thing that stuck with me is to make sure to update the local copy with the changes made to ensure i'm working on the latest version of the project. Which I can use the git pull command to update the local repository with the latest changes. I learned that git pull command is just a combination of the two commands, fetch and merge. Another core concept was security and the difference of using HTTPS and SSH. HTTPS is typically used for connecting to remote repositories and works well on secured networks but shouldn't be used in unsecure networks.When a network is insecure it's reccomended to use SSH. SSH is a secure shell network protocol used for remote file and transfer. SSH keys are very important and they utilize a pair of keys which are public and private for authentication. The public key is shared with the remote party and the private key is kept secure but the user. The final core concept I took notice to was the staging environment.This is where files are preapred before being committed to the repository.This helps organize and review changes before they are recorded into the repository. I learned you can stage multiple files at once by just adding the file into the command. For example I can do "git add README.md RandomText.txt" and this will stage both those files at once.

End of Assignment