

# Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT202-008-S2024/generic-git-readings-via-local/grade/ekh3>

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

## Submissions:

Submission Selection

1 Submission [active] 1/24/2024 11:27:27 PM

## Instructions

^ COLLAPSE ^

### Preliminary Setup:

- 1 Go to [w3schools.com](https://w3schools.com)
- 2 Create an account (preferably with your college account)
- 3 Visit [my-learning.w3schools.com/tutorial/git](https://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  $\leq 70\%$ )

- 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
  - 1 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
  - 1 Open and complete the merge of the pull request (it should turn purple)
  - 1 Go to your M1-Git-Readings branch on GitHub and navigate to the submission file
  - 1 Paste the direct link to that file on Canvas

Tasks: 7 Points: 10.00



## 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



Checklist Items (0)

Completed reading lesson 1.1-1.3



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### Task #2 - Points: 1

Text: Complete Essential Commands

Details:  
Lessons 2.1-2.4

Task Screenshots:

☐ Large Gallery



Checklist Items (0)

Completed reading lesson 2.1-2.4



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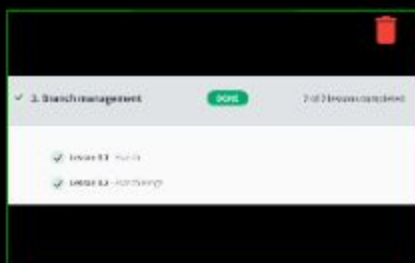
### Task #3 - Points: 1

Text: Complete Branch Management

**i** Details:  
Lessons 3.1-3.2

Task Screenshots:

☐ Large Gallery



Checklist Items (0)

Completed reading lesson 3.1-3.2



^ COLLAPSE ^

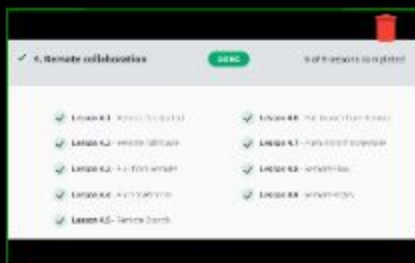
### Task #4 - Points: 1

Text: Complete Remote Collaboration

**i** Details:  
Lessons 4.1-4.9

Task Screenshots:

☐ Large Gallery



Checklist Items (0)

Completed reading lesson 4.1-4.9



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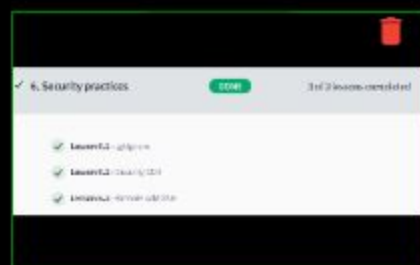
### Task #5 - Points: 1

Text: Complete Security Practices

**i Details:**  
Lessons 6.1-6.3

Task Screenshots:

☐ Large Gallery



Checklist Items (0)

Completed reading lesson 6.1-6.3

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Task #6 - Points: 1  
Text: Attempt Quiz (>=70%)

**i Details:**  
Aim for 70% or higher for full marks

Task Screenshots:

☐ Large Gallery



Checklist Items (0)

Quiz attempt, 100%

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Task #7 - Points: 1  
Text: Reflection

**i 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
<input type="checkbox"/> #1	1	Mentions issues or no issues
<input type="checkbox"/> #2	1	Covers core concepts related to the readings
<input type="checkbox"/> #3	1	At least a few reasonable sentences

Response:

The readings helped provide a wide overview of how effective Git and GitHub are as version control tools. With its ability to save checkpoints of work, traverse commits, build branches to segment developmental paths, and allow for collaboration, Git is a powerful tool for programmers. By utilizing commits as checkpoints, reverting to areas where there are fewer problems is as simple as a few commands, but better yet, moving between computers or working with other people is also a few commands. Its strength in making code portability allows for remote deployments to be much easier. By allowing branches, being able to segment features and work on them separately can increase workflow and create a better organizational structure in projects. In addition, the merge and pull request ability creates an environment where different programmers can work together effectively and double-check one another.

End of Assignment