



Week 1: Coding Assignment

URL to GitHub Repository:

URL to Your Coding Assignment Video:

After watching the video, *Source Control with git*, you should have already set up a GitHub account for this program.

If you have **not** setup your GitHub account, **review the above video in the Week 3: Weekly Videos and Curriculum** and set your account up before proceeding with this assignment.

Instructions:

- Create a new repository on GitHub for this week's assignments and push this document, and any files that you have created to the repository.
- Include the URLs for this week's repository and video where instructed.
- Submit this document as a .PDF file in the LMS.

Assignment Steps:

- The link below has a zipped file that contains an empty directory (folder) for your assignments.
- Download the file to your computer and unzip it.
- This directory (folder) should be used to organize each week's projects in the course.

https://drive.google.com/file/d/1WDc_WJ8I0MfwbrbmtMsxHdTpupZsPjXT/view

Note: In the following Git/GitHub Tutorial, a file is created in **Terminal** (on a Mac) using **touch filename**

To do the same thing in **Command Prompt** (on Windows), use the following command:

(Windows or Mac) **echo "text-to-put-into-file" > filename**

- Following the Git/GitHub tutorial in your week 0 video:
 - Create a directory (folder) inside **Week 03** directory
 - Create a repository on the GitHub website.
 - **Push** your directory of files to GitHub as instructed in the video.
 - After your first push, please ensure that you make some changes to your directory (folder), such as adding a new file or changing your code.
 - **Push** those changes to your repository a second time (as shown in the video).

<https://www.youtube.com/watch?v=NGeksLUB1e8>



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- When complete, paste a screenshot of your terminal or command prompt that shows the commands above completed.

Video Steps:

- Create a video, up to five minutes max, showing and explaining exactly what you did for this assignment Git/GitHub.
- This video should be done using screen share and voice over.
- This can easily be done using Zoom, although you don't have to use Zoom, it's just what we recommend.
 - You can create a new meeting, start screen sharing, and start recording.
 - This will create a video recording on your computer.
- This should then be uploaded to a publicly accessible site, such as YouTube.
 - Ensure the link you share is **PUBLIC** or **UNLISTED**!
 - If it is not accessible by your grader, your project will be graded based on what they can access.



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Creating the repository:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

PS C:\Users\patri\Promineo\Week3> cd..
PS C:\Users\patri\Promineo> dir

Directory: C:\Users\patri\Promineo

Mode                LastWriteTime         Length Name
----                -
d-----          4/11/2023   2:50 PM             Assignments
d-----          3/31/2023   4:53 PM              labs
d-----          3/31/2023   2:19 PM             Week0
d-----          4/2/2023   11:09 AM             Week1
d-----          4/6/2023   12:03 PM             Week2
d-----          4/11/2023   2:32 PM             Week3
-a-----          4/10/2023   7:31 PM        545271 JavaScript.docx

PS C:\Users\patri\Promineo> cd assignments
PS C:\Users\patri\Promineo\assignments> dir
PS C:\Users\patri\Promineo\assignments> echo "# Assignments" >> README.md
PS C:\Users\patri\Promineo\assignments> git init
Initialized empty Git repository in C:/Users/patri/Promineo/Assignments/.git/
PS C:\Users\patri\Promineo\assignments> git add README.md
PS C:\Users\patri\Promineo\assignments> git commit -m "first commit"
[master (root-commit) 8236890] first commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 README.md
PS C:\Users\patri\Promineo\assignments> git branch -M main
PS C:\Users\patri\Promineo\assignments> git remote add origin https://github.com/Fraju-pc/Assignments.git
PS C:\Users\patri\Promineo\assignments> git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 244 bytes | 244.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Fraju-pc/Assignments.git
```



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Git commands:

```
Delta compression using up to 16 threads
Compressing objects: 100% (9/9), done.
Writing objects: 100% (10/10), 153.97 KiB | 25.66 MiB/s, done.
Total 10 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Fraju-pc/Assignments.git
2ce2e2c..58f5bcd main -> main
PS C:\Users\patri\Promineo\Assignments\Week-03-CLI_Source_Control_and_Arrays_and_Functions> git add .
PS C:\Users\patri\Promineo\Assignments\Week-03-CLI_Source_Control_and_Arrays_and_Functions> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index1.js

PS C:\Users\patri\Promineo\Assignments\Week-03-CLI_Source_Control_and_Arrays_and_Functions> git commit -m "added line to index.js"
[main fa36fa5] added line to index.js
1 file changed, 3 insertions(+), 1 deletion(-)
PS C:\Users\patri\Promineo\Assignments\Week-03-CLI_Source_Control_and_Arrays_and_Functions> git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 16 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 374 bytes | 374.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/Fraju-pc/Assignments.git
58f5bcd..fa36fa5 main -> main
PS C:\Users\patri\Promineo\Assignments\Week-03-CLI_Source_Control_and_Arrays_and_Functions>
```

Video Link:

<https://youtu.be/mit4TBs3cn8>