



## Week 3: Coding Assignment

**URL to GitHub Repository:** <https://github.com/andrews-rl/Promineo-Tech>

**URL to Your Coding Assignment Video:** [https://youtu.be/q\\_ei5TQDL58](https://youtu.be/q_ei5TQDL58)

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](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 1 video:
  - Create a directory (folder) inside **Week 03** directory
  - Create a repository on the GitHub website.
    - `echo "# Week-5" >> README.md`
      - echo is a command that outputs the strings that are passed to it as arguments. It is a command available in command prompt and typically used to output a status text to the screen or a computer file
    - `git init` - The git init command creates a new Git repository.
    - `git add README.md` - just creates a read.me file.



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- `git commit -m "first commit"` - The `git commit` command captures a snapshot of the project's currently staged changes. The `-m "first commit"` is only a message that will be posted on `github.com` to give the option to show why changes were made.
- `git branch -M main` - creates a new path which is not called master which reflects the current social environment.
- `git remote add origin https://github.com/andrews-rl/Week-5.git` - provides an easy way to pull upstream changes or publish local commits.
- `git push -u origin main` - sends your committed changes to the main branch, allowing others to access and integrate them into the project
- **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>

- 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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```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\andre\Desktop\Promineo_Tech Assignments> echo "# Promineo-Tech" >> README.md
PS C:\Users\andre\Desktop\Promineo_Tech Assignments> git init
Initialized empty Git repository in C:/Users/andre/Desktop/Promineo_Tech Assignments/.git/
PS C:\Users\andre\Desktop\Promineo_Tech Assignments> git add README.md
PS C:\Users\andre\Desktop\Promineo_Tech Assignments> git commit -m "first commit"
[master (root-commit) bb44209] first commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
PS C:\Users\andre\Desktop\Promineo_Tech Assignments> git branch -M main
PS C:\Users\andre\Desktop\Promineo_Tech Assignments> git remote add origin https://github.com/andrews-rl/Promineo-Tech.git
PS C:\Users\andre\Desktop\Promineo_Tech Assignments> git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 246 bytes | 246.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/andrews-rl/Promineo-Tech.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\andre\Desktop\Promineo_Tech Assignments>
```