



Week 3: Coding Assignment

URL to GitHub Repository: <https://github.com/tomkaus/Week-03>

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.

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\tomka> dir

Directory: C:\Users\tomka

Mode                LastWriteTime         Length Name
----                -
d-----        6/15/2023   8:59 AM                .vscode
d-----       12/23/2022  11:47 PM                3D Objects
d-----       12/24/2022  11:24 PM                ansel
d-----       12/23/2022  11:47 PM                Contacts
d-----        6/23/2023   9:05 PM                Desktop
d-----        6/22/2023  10:17 PM                Documents
d-----        6/23/2023   9:21 PM                Downloads
d-----       12/23/2022  11:47 PM                Favorites
d-----       12/23/2022  11:47 PM                Links
d-----       12/27/2022   2:07 PM                Music
dar--l-        6/23/2023   9:08 PM                OneDrive
d-----        3/9/2023    4:37 PM                Pictures
d-----        6/19/2023   7:01 PM                Promineo
d-----       1/12/2023   4:20 PM                Saved Games
d-----       12/23/2022  11:49 PM                Searches
d-----       12/24/2022   9:35 PM                Videos
-a-----        6/23/2023  11:58 AM                47 .gitconfig
-a-----        6/23/2023  12:15 PM                20 .lesshtst

PS C:\Users\tomka\Desktop> cd Desktop
PS C:\Users\tomka\Desktop> dir

Directory: C:\Users\tomka\Desktop

Mode                LastWriteTime         Length Name
----                -
d-----        6/23/2023  11:49 AM                git-tutorial
d-----        2/9/2023    6:04 AM                Pics1
d-----        6/22/2023  10:57 PM                Promineo_Tech
-a-----        3/5/2023   9:42 PM                1336258 IMG_F0109.JPG
-a-----        6/15/2023  11:14 AM                1971 Slack.lnk

PS C:\Users\tomka\Desktop> cd Promineo_Tech

PS C:\Users\tomka\Desktop\Promineo_Tech> cd week-03-CL-Source_Control_and_Arrays_and_Functions
PS C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions> dir

Directory: C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions

Mode                LastWriteTime         Length Name
----                -
d-----        6/23/2023   9:12 PM                week-03-Assignments

PS C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions> cd week-03-Assignments
PS C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions\week-03-Assignments> dir

Directory: C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions\week-03-Assignments

Mode                LastWriteTime         Length Name
----                -
d-----        6/23/2023   9:12 PM                week-03-Assignments

PS C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions\week-03-Assignments> git init
Initialized empty Git repository in C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions\week-03-Assignments\git\
PS C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions\week-03-Assignments> git add .
PS C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions\week-03-Assignments> git commit -m "Initial commit"
[master 20277a] Initial commit
1 file changed, 8 insertions(+), 8 deletions(-)
create mode 100644 .gitignore
delete mode 100644 .vscode
PS C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions\week-03-Assignments> git remote add origin https://github.com/tomka/week-03-CL-Source_Control_and_Arrays_and_Functions.git
error: remote origin already exists.
PS C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions\week-03-Assignments> git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 10.80 KiB | 10.80 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), push-reused 4
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/tomka/week-03-CL-Source_Control_and_Arrays_and_Functions.git
 * [new branch] master -> master
PS C:\Users\tomka\Desktop\Promineo_Tech\week-03-CL-Source_Control_and_Arrays_and_Functions\week-03-Assignments>
```

Video Steps:



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- 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.