



Week 1: Coding Assignment

URL to GitHub Repository:

URL to Your Coding Assignment Video:

Instructions:

- In Visual Studio Code, write the code that accomplishes the objectives listed below and ensures that the code compiles and runs as directed.
- Create a new repository on GitHub for this week's assignments and push this document, with your project code, 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 01 - CLI, Source Control, and Variables**
 - 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>

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



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Video Steps:

- Create a video, up to five minutes max, showing and explaining how your project works with an emphasis on the portions you contributed.
- 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.

```
cmd Command Prompt
01/24/2023 09:37 PM          9 README.md
                        1 File(s)          9 bytes
                        2 Dir(s)  911,850,512,384 bytes free

C:\Users\blue\Desktop\git-tutorial>git init
Reinitialized existing Git repository in C:/Users/blue/Desktop/git-tutorial/.git/

C:\Users\blue\Desktop\git-tutorial>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        README.md

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\blue\Desktop\git-tutorial>git add README.md

C:\Users\blue\Desktop\git-tutorial>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   README.md

C:\Users\blue\Desktop\git-tutorial>git commit -m "first commit"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'blue@LAPTOP-G9R8FFV6.(none)')

C:\Users\blue\Desktop\git-tutorial>git config --global user.email "blueesp@gmail.com"

C:\Users\blue\Desktop\git-tutorial>git config --global user.name "jared2468"

C:\Users\blue\Desktop\git-tutorial>git commit -m "first commit"
[master (root-commit) 4bbf87d] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 README.md

C:\Users\blue\Desktop\git-tutorial>git branch -M main

C:\Users\blue\Desktop\git-tutorial>git remote add origin https://github.com/jared2468/test-repo.git

C:\Users\blue\Desktop\git-tutorial>git push -u origin main
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 216 bytes | 108.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/jared2468/test-repo.git
 * [new branch]    main -> main
branch 'main' set up to track 'origin/main'.

C:\Users\blue\Desktop\git-tutorial>https://github.com/jared2468/test-repo.git
```



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Command Prompt

```
Microsoft Windows [Version 10.0.22000.1455]
(c) Microsoft Corporation. All rights reserved.

C:\Users\blue->cd desktop

C:\Users\blue\Desktop>dir
Volume in drive C is Windows
Volume Serial Number is 1AEB-BA08

Directory of C:\Users\blue\Desktop

01/24/2023  09:36 PM    <DIR>        .
01/24/2023  09:52 PM    <DIR>        ..
01/24/2023  09:33 PM    <DIR>        git-tutorial
01/24/2023  09:38 PM    <DIR>        git-tutorial1
               0 File(s)              0 bytes
               4 Dir(s)  911,792,189,440 bytes free

C:\Users\blue\Desktop>cd git-tutorial1

C:\Users\blue\Desktop\git-tutorial1>echo index > index.html

C:\Users\blue\Desktop\git-tutorial1>echo scripts > scripts.js

C:\Users\blue\Desktop\git-tutorial1>dir
Volume in drive C is Windows
Volume Serial Number is 1AEB-BA08

Directory of C:\Users\blue\Desktop\git-tutorial1

01/24/2023  10:17 PM    <DIR>        .
01/24/2023  09:36 PM    <DIR>        ..
01/24/2023  10:16 PM             8 index.html
01/24/2023  09:37 PM             9 README.md
01/24/2023  10:17 PM            10 scripts.js
               3 File(s)              27 bytes
               2 Dir(s)  911,794,937,856 bytes free

C:\Users\blue\Desktop\git-tutorial1>git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.html
        scripts.js

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\blue\Desktop\git-tutorial1>git add .

C:\Users\blue\Desktop\git-tutorial1>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)
        new file:   index.html
        new file:   scripts.js

C:\Users\blue\Desktop\git-tutorial1>git commit -m "added a new html file and scripts.js file"
[main 4b63bc1] added a new html file and scripts.js file
 2 files changed, 2 insertions(+)
 create mode 100644 index.html
 create mode 100644 scripts.js

C:\Users\blue\Desktop\git-tutorial1>git push
Enumerating objects: 5, done.
```