



Week 3 git & GitHub Assignment

URL to GitHub Repository:

URL to Public Link of your Video:

Overview:

The Week 3 Coding Assignment has **two** purposes:

1. Connecting git to GitHub:

Learn how to connect **git** (on your local machine through Windows Command Prompt or MacOS Terminal) to **GitHub** (on GitHub.com). **No Java coding is necessary, the idea is to push something to GitHub and show that you have connected your local git to the remote GitHub.** That is it!

2. Create your first Coding Assignment Video Submission

Learn how to create **Coding Assignment Submission Videos**.

Overview of this first Video:

There is not a lot to show for Week 3 in a Video, so here are some suggestions:

- Show a **Command Prompt** (Windows) or a **Terminal** (MacOs) window with the exact **git** commands used to attach your Week3 local directory to your Week3 GitHub repository.
- In addition, you could include:
 - Use `git status`
 - Use `dir` (Windows) or `ls` (MacOS) -- Show the **Week3 Coding Assignment directory & contents**.
 - Show all the commands that you used to Initialize your local **Week3** repo -- include any git commands that you used
- Show your connected GitHub Repo that matches the Week3 Coding Assignment local directory and demonstrate that it has the correct contents. (Show this in your browser.)
- Verbally explain what you are showing us.



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Instructions:

- Follow the **Assignment Steps** below
- Add the **URL** for this week's **GitHub repository** to this document as instructed
- Add the **URL** for **your Video Submission** to this document as instructed
- Submit this document in **.pdf format** in the LMS when complete.

Details on how to Complete & Submit This Assignment:

1. Follow the **Assignment Steps** below to complete this assignment.

What a Coding Assignment Submission Video Looks Like:

- In this video: record and present your homework verbally while showing that you have connected git and GitHub.
- **Easy way to Create a video:** Start a meeting in Zoom, Share your desktop, open your Command Prompt Window (Windows) or your Terminal Window (MacOS) and show the process that you followed to accomplish the steps in this assignment. It would be helpful to also show your GitHub repo, and the files that are in both your local directory and GitHub.
- Your video should be a maximum of 5 minutes.
- Upload your video to a site that allows you to share the link and have others view the video.
- Easy way to Create a Shareable Video Link: Upload your video recording to YouTube with either a **PUBLIC** or **UNLISTED** link.

2. In addition, please include the following in your Coding Assignment document submission:

- The URL for this week's GitHub repository. <https://www.youtube.com/watch?v=AVb5x1j3mwo>
- https://github.com/SandraLane/Week-03-Arrays_and_Methods

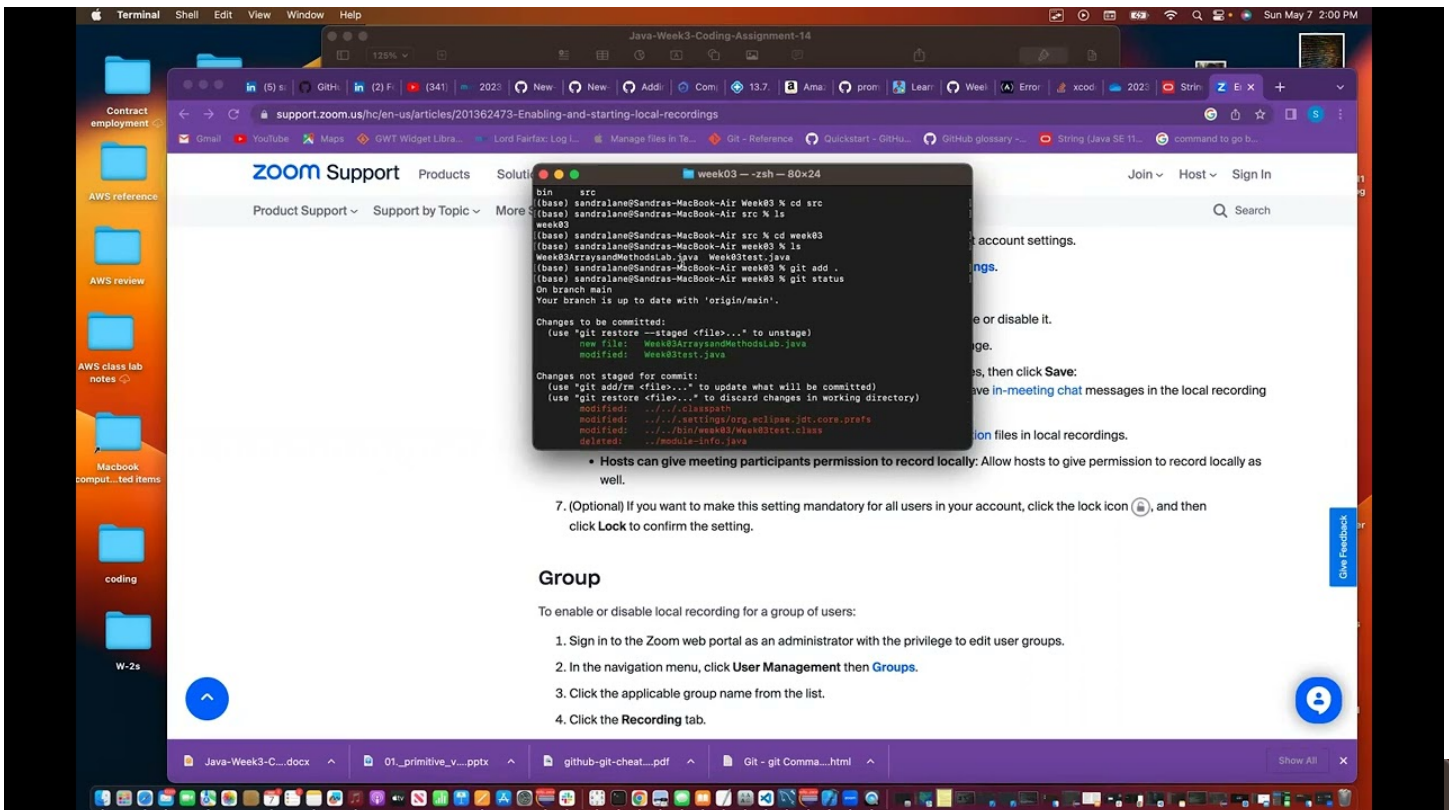
```
src — -zsh — 80x24
(base) sandralane@Sandras-MacBook-Air week01 % git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 1.12 KiB | 1.12 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/SandraLane/Week-01-CLI_Source_Control_and_Variables.git
 4db7d7b..af43a34  main -> main
branch 'main' set up to track 'origin/main'.
(base) sandralane@Sandras-MacBook-Air week01 % cd ..
(base) sandralane@Sandras-MacBook-Air src % cd ..
(base) sandralane@Sandras-MacBook-Air Week-01-CLI_Source_Control_and_Variables % cd ..
(base) sandralane@Sandras-MacBook-Air eclipses-workspace % ls
MyFirstProject
Week-01-CLI_Source_Control_and_Variables
Week-02-Conditions_and_Loops
Week03
new
project
testJava
week03javaprojectexample
(base) sandralane@Sandras-MacBook-Air eclipses-workspace % cd Week-02-Conditions
```



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- The URL of the shareable link of your video.
- https://www.youtube.com/watch?v=kVX6022_YDo



Untracked files:

(use "git add <file>..." to include in what will be committed)

../../../../bin/week03/Week03ArraysandMethodsLab.class

```
[(base) sandralane@Sandras-MacBook-Air week03 % git commit -m "changes to java week03 lab"]
```

```
[main e41d173] changes to java week03 lab
```

```
1 file changed, 13 insertions(+), 8 deletions(-)
```

```
[(base) sandralane@Sandras-MacBook-Air week03 % git branch -M main]
```

```
[(base) sandralane@Sandras-MacBook-Air week03 % git remote add origin https://github.com/SandraLane/Week-03-Arrays_and_Methods.git]
```

```
error: remote origin already exists.
```

```
[(base) sandralane@Sandras-MacBook-Air week03 % git push -u origin main]
```

```
Enumerating objects: 9, done.
```

```
Counting objects: 100% (9/9), done.
```

```
Delta compression using up to 4 threads
```

```
Compressing objects: 100% (5/5), done.
```

```
Writing objects: 100% (5/5), 562 bytes | 562.00 KiB/s, done.
```

```
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0
```

```
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
```

```
To https://github.com/SandraLane/Week03-test.git
```

```
def258b..e41d173 main -> main
```

```
branch 'main' set up to track 'origin/main'
```



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3. Save the Coding Assignment document as a **.pdf** and do the following:

- Push the **.pdf** to your newly created & connected **GitHub repo** for this week.
- Upload the **.pdf** to the LMS here in your Coding Assignment Submission.

URL for this week's video:



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Assignment Steps:

1. Download this directory structure:

This is an example of one way to organize your coding assignments for the Backend Coding Bootcamp.

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) may be utilized to organize projects for this course. The root directory is called **BE-Promineo-Tech**, and inside there are 18 directories, one for each of the 18 weeks of this Backend Bootcamp.

<https://drive.google.com/file/d/1HJqTH9JysLwTBzsZKo2xGjKsEt5nPyil/view>

2. Watch the following video: While watching the video, try it out!

Connect one of the above directories to GitHub - Maybe the **Week1** or **Week2** Directories.

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

3. Create a Video as described doing the following steps **again!** THIS TIME do it with **Week3!**

*(Refer to **Create a video showcasing your work** section above)!*

```
src — -zsh — 80x24

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   week02labs/Week02BooleanConditionalsLoopsLab.java


[(base) sandralane@Sandras-MacBook-Air src % git commit -m "changes to lab"
[main (root-commit) de9300e] changes to lab
 1 file changed, 206 insertions(+)
 create mode 100644 week02labs/Week02BooleanConditionalsLoopsLab.java
[(base) sandralane@Sandras-MacBook-Air src % git remote add origin https://github.com/SandraLane/Week-02-Conditions_and_Loops.git
[(base) sandralane@Sandras-MacBook-Air src % git branch -M main
[(base) sandralane@Sandras-MacBook-Air src % git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 2.29 KiB | 1.15 MiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/SandraLane/Week-02-Conditions_and_Loops.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
(base) sandralane@Sandras-MacBook-Air src %
```



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Following what you have learned from the Git/GitHub tutorial in your week 0 video:

- **Create a directory (folder), or use the one provided above,** for your **Week3** assignment.
- **Create a repository on the GitHub website** that you will connect your local folder to!
- **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).

4. When complete, INSERT a **screenshot** of your Terminal or Command Prompt that shows a successful connection. 

INSERT Screenshot HERE: 