

# **HOW TO SUBMIT TO GITHUB**

# Submit your Coding!

## Assessment Submission Process

### Contents

**Step 1: Prepare For Submission..... 13**

**Step 2: Join the required Organization and Accept the Assignment ..... 13**

**Step 3: Submit your assignment to GitHub ..... 15**

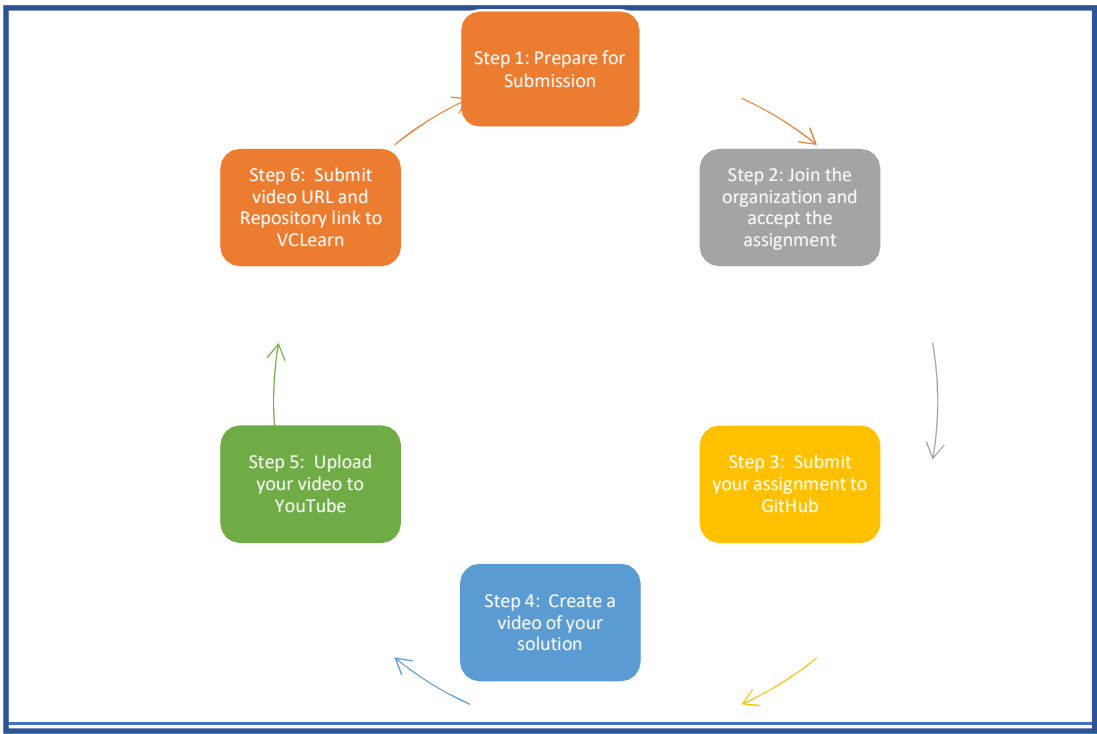
**Step 4: Make a video of your solution ..... 18**

**Step 5: Upload the recording to a YouTube channel ..... 21**

**Step 6: Upload your repository link and YouTube video link to VCLearn ..... 28**

**Potential Questions and Solutions ..... 29**

## The Assessment Submission Process



## Step 1: Prepare For Submission

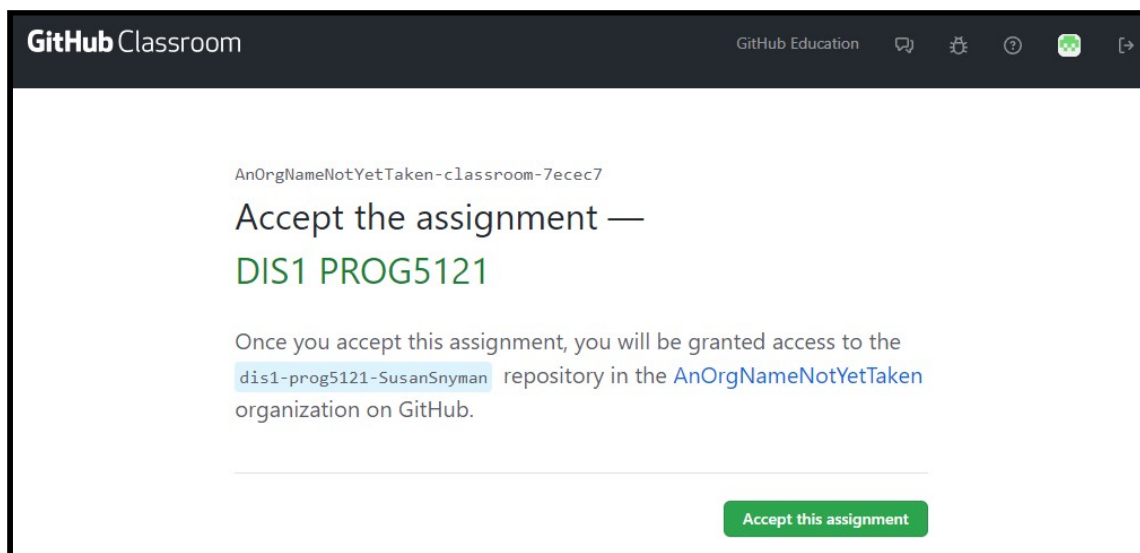
- 1.1 Download and install Git and Git Bash using the following link: <https://git-scm.com/download/win> . Once the page opens, click on the words as circled below.



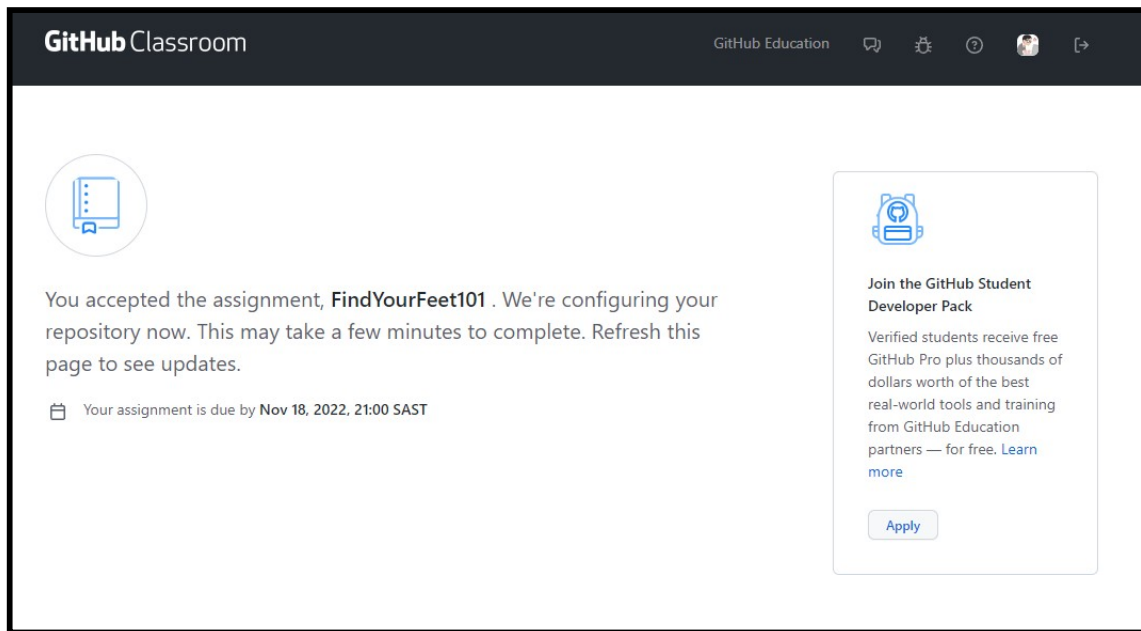
- 1.2 If you do not have a GitHub account, create one by following the steps below:
- 1.2.1 Navigate to [github.com](https://github.com)
  - 1.2.2 Click on the **Sign Up** button in the top right hand corner of the screen.
  - 1.2.3 Provide the required information in order to complete the sign up process. **NB:** Your GitHub username **must** be your **student number**.

## Step 2: Join the required Organization and Accept the Assignment

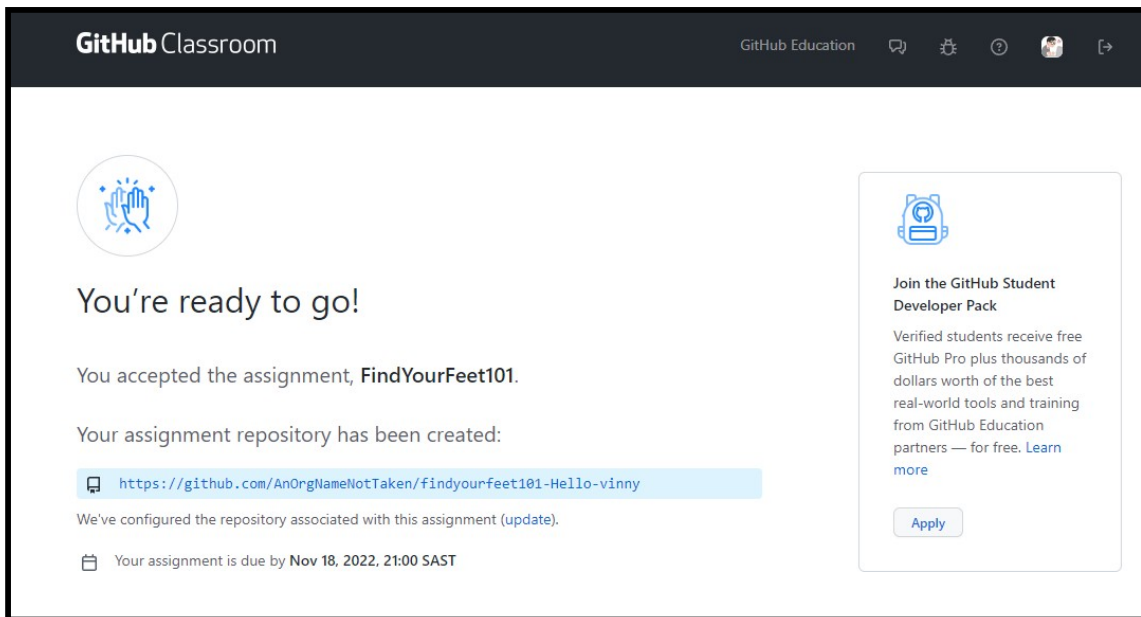
- 2.1 Click on the link that your lecturer will send you. You should get a screen that looks like the one below (ignore the code displayed) but it should require you to accept the assignment.



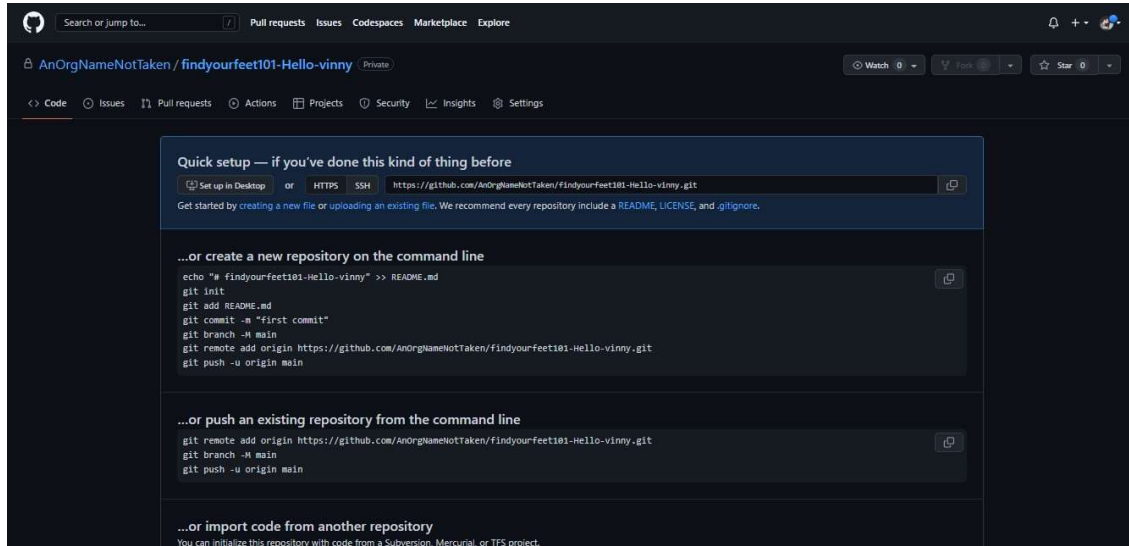
- 2.2 Click on the button 'Accept this assignment'
- 2.3 After accepting the assignment, you will receive a screen requesting you to wait +-5 minutes. Wait 5 minutes, then refresh the screen below.



- 2.4 Once the screen has been refreshed, you will be shown the screen below. Copy the link below the sentence "Your assignment repository has been created."



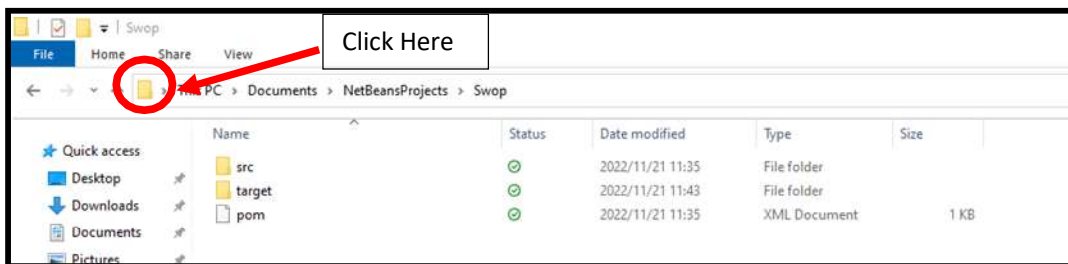
2.5 You can open the repository to which you will be submitting by pasting the link in a browser. Your repository will look as follow:



Well done, you have successfully configured your GitHub classroom repository . Happy learning 🏆

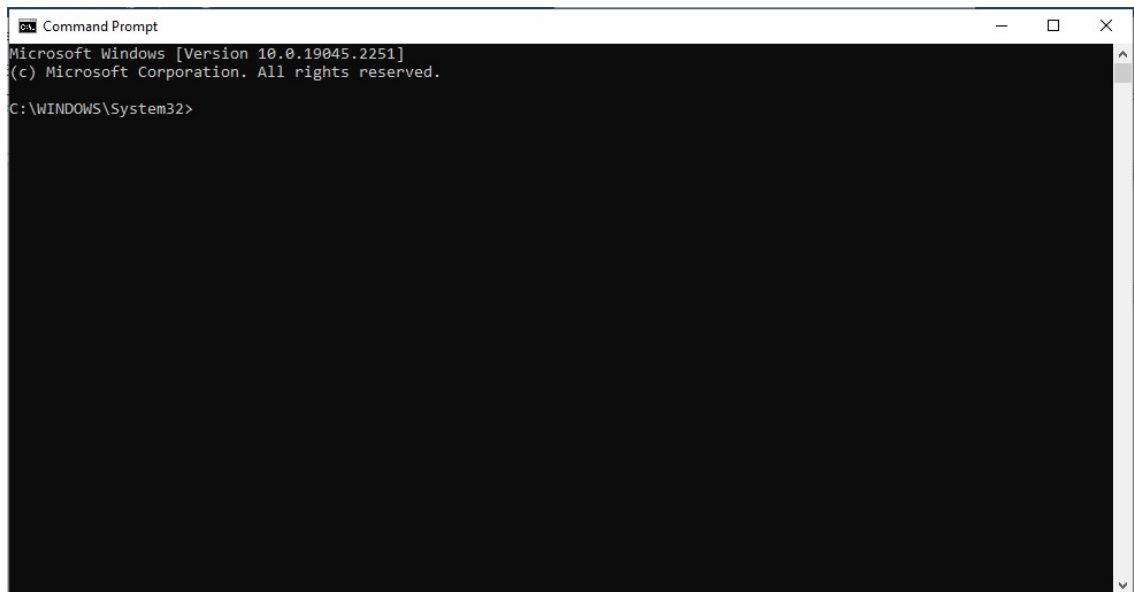
### Step 3: Submit your assignment to GitHub

3.1 Open the directory you wish to submit to GitHub and click on the folder as indicated below so that the full path of the directory is visible.



3.2 Start typing **cmd**. This will open the command prompt as shown below.

- Open Cmd as an administrator



In the command prompt window, you will enter the commands below. After each command you will press Enter.

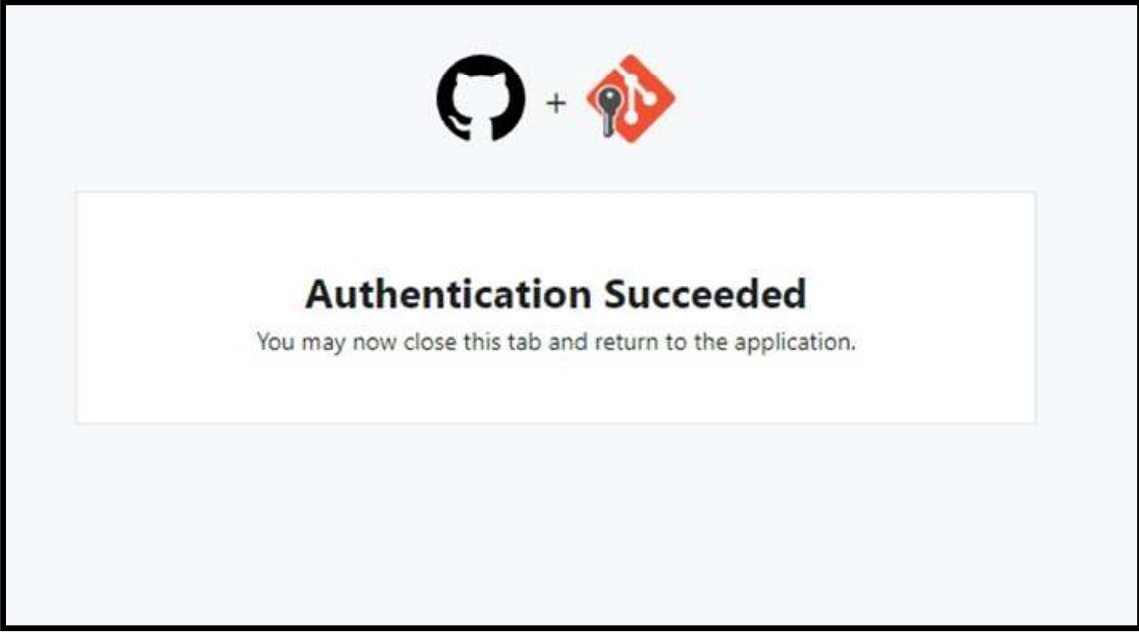
- a. Type the following command and press Enter: **git init**
- b. After having pressed Enter, type the following command and press Enter: **git add .**
- c. The next command to be entered is **git commit -m "First commit"**
- d. Type the following command and press Enter: **git remote add origin**  
**<ASSIGNMENT REPOSITORY URL>** Note: Replace the words Assignment Repository URL with the link to your repository.
- e. Type the following command and press Enter: **git push origin master**

**Note:**

- You might need to sign in to GitHub again when attempting push to master



Sign in with browser, once you've successfully signed in , you see below page



Your output will resemble the following:

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Ssnyman\MyFirstProject>git init
Initialized empty Git repository in C:/Users/Ssnyman/MyFirstProject/.git/

C:\Users\Ssnyman\MyFirstProject>git add .
warning: in the working copy of 'pom.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/main/java/com/mycompany/myfirstproject/MyFirstProject.java', LF will be replaced by CRLF the next time
warning: in the working copy of 'target/maven-status/maven-compiler-plugin/compile/default-compile/createdFiles.lst', LF will be replaced
hes it
warning: in the working copy of 'target/maven-status/maven-compiler-plugin/compile/default-compile/inputFiles.lst', LF will be replaced by
s it

C:\Users\Ssnyman\MyFirstProject>git commit -m "First commit"
[master (root-commit) 9cd2489] First commit
10 files changed, 180 insertions(+)
create mode 100644 nbproject/project.properties
create mode 100644 pom.xml
create mode 100644 src/main/java/com/mycompany/myfirstproject/MyFirstProject.java
create mode 100644 src/test/java/com/mycompany/myfirstproject/MyFirstProjectTest.java
create mode 100644 src/test/java/com/mycompany/myfirstproject/NewEmptyJUnitTest.java
create mode 100644 target/classes/com/mycompany/myfirstproject/MyFirstProject.class
create mode 100644 target/maven-status/maven-compiler-plugin/compile/default-compile/createdFiles.lst
create mode 100644 target/maven-status/maven-compiler-plugin/compile/default-compile/inputFiles.lst
create mode 100644 target/test-classes/com/mycompany/myfirstproject/MyFirstProjectTest.class
create mode 100644 target/test-classes/com/mycompany/myfirstproject/NewEmptyJUnitTest.class

C:\Users\Ssnyman\MyFirstProject>git remote add origin https://github.com/SusanSnyman/Practice.git

C:\Users\Ssnyman\MyFirstProject>git push origin master
Enumerating objects: 37, done.
Counting objects: 100% (37/37), done.
Delta compression using up to 8 threads
Compressing objects: 100% (16/16), done.
Writing objects: 100% (37/37), 5.18 KiB | 482.00 KiB/s, done.
Total 37 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/SusanSnyman/Practice/pull/new/master
remote:
To https://github.com/SusanSnyman/Practice.git
 * [new branch]      master -> master
```