

Class 4 Recap – RPL

In this class, we integrated the calculator into our website. We used the **<script>** tag to signify JS code within HTML and copy and pasted our created calculator code into there.

We use `document.getElementById` in order to get the value of the textbox we made (using the **<input>** tag) and set the calculator answer response in order to give back the correct number.

If you want to check out the finished code, go to #class4 and download the **latest** ansel.html file I uploaded in the channel.

We also covered an upgrade on our calculator to handle multi-digit inputs by identifying the position of the operator and declaring that any positions less than the position of the operator is the `firstNumber` while any position greater than position of the operator would be the `secondNumber`.

Publishing our code to a URL (part 1)

In order to publish your code to a URL and get it up and working you must do the following:

Step1: Make a GitHub account

Step2: Make a new repository by clicking **Repository** and clicking **New** (green button)

Step3: Under repository name, you must follow the format `username.github.io`. For example, if my GitHub username is `ansel`, then my github repository would be `ansel.github.io`. Also make sure your repository is **public** and **NOT private**.

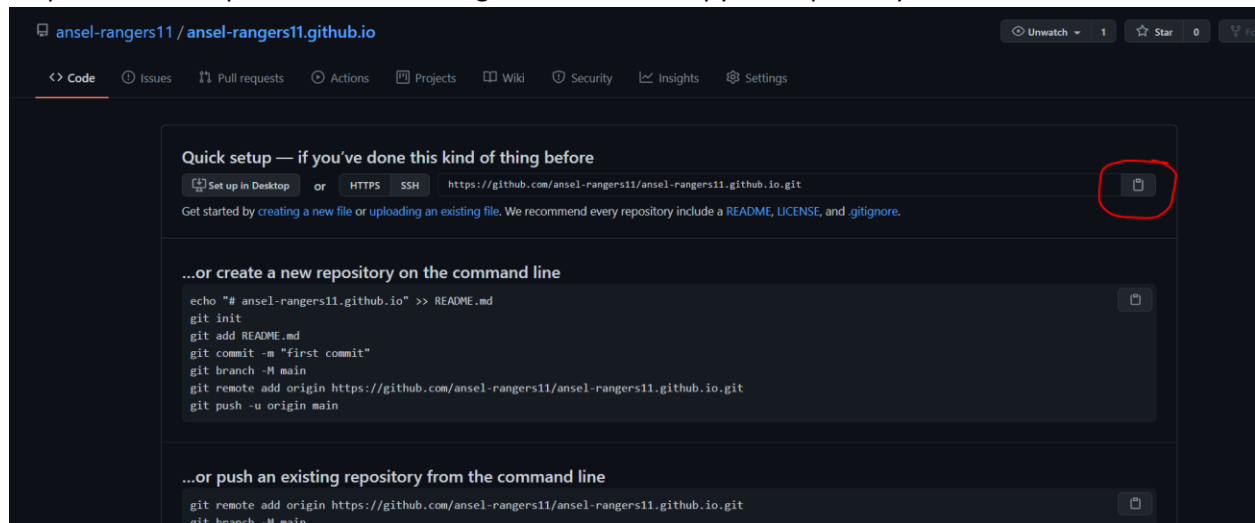
Step4: Click **Create Repository**

Step5: Download Git Bash on your local computer. You need Git Bash to run local commands.

<https://git-scm.com/downloads>

Step6: Go back to Github and click at your new repository.

Step7: Click the clipboard icon on the right hand side to copy the repository URL.

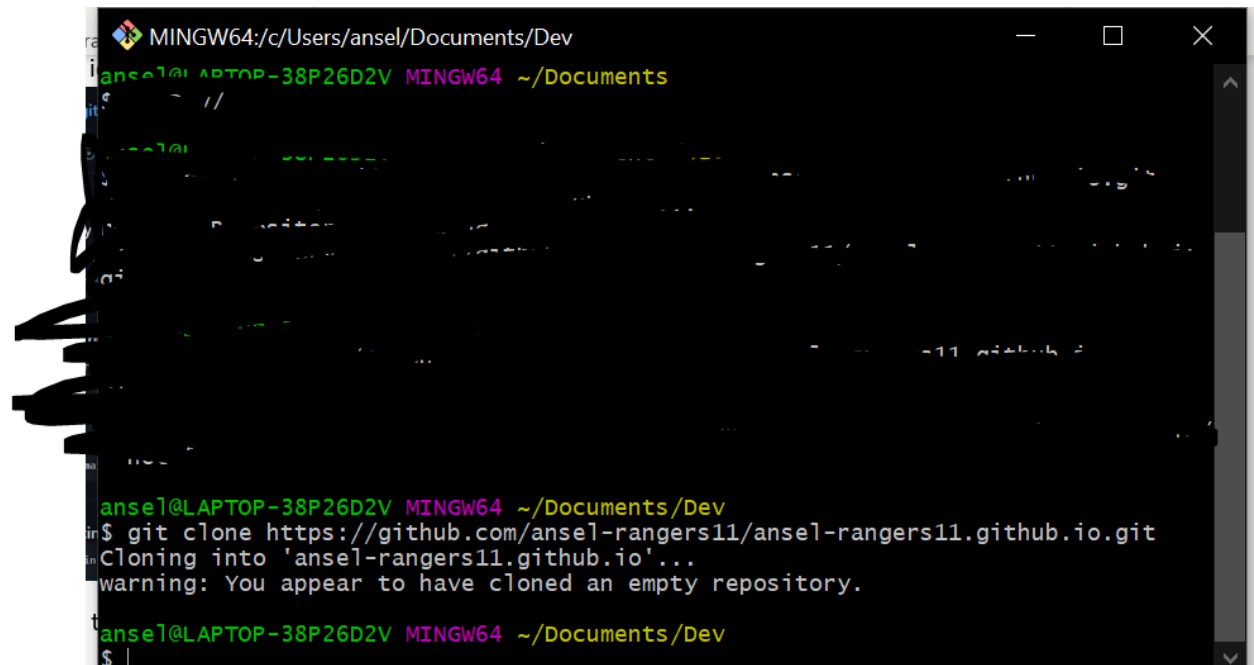


Step8: Open Git Bash and go to the folder you want your github repository to live in your computer.

NOTE: Watch this video first to understand how to navigate with command line

(https://www.youtube.com/watch?v=xp6oHaStwww&ab_channel=OneMonth)

Step9: Once in the right directory, type in **git clone (repository URL you just copied)** See example below for reference. If successful, you should receive some warning that says "You appear to have cloned an empty repository"

A screenshot of a terminal window titled 'MINGW64: c:/Users/ansel/Documents/Dev'. The prompt is 'ansel@LAPTOP-38P26D2V MINGW64 ~/Documents'. The user enters 'git clone https://github.com/ansel-rangers11/ansel-rangers11.github.io.git'. The output shows 'Cloning into 'ansel-rangers11.github.io'...' followed by a warning: 'warning: You appear to have cloned an empty repository.' The prompt returns to 'ansel@LAPTOP-38P26D2V MINGW64 ~/Documents/Dev'.

Step10: Copy and paste **all** the files you used in this course into the new repository you just made.

Step11: You are done for now and please wait for next class for further instructions on how to get your website up and running on a URL.