

# Math 4610 Lecture Notes

## New Repository Creation Primer \*

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**Homework Repository for Math 4610: How to Create a New Repository.**

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To work in this course, students must know how to create and edit a repository. This brief primer will show students how to create a repository before putting together the homework repository - this is step 0 in the process.

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## New Repository Creation for Math 4610: Get to Github.

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The first step is to login to your Github account. So, in a web browser, type in

`https://github.com/`

and log on to your account. By this point you should already have an account on Github.

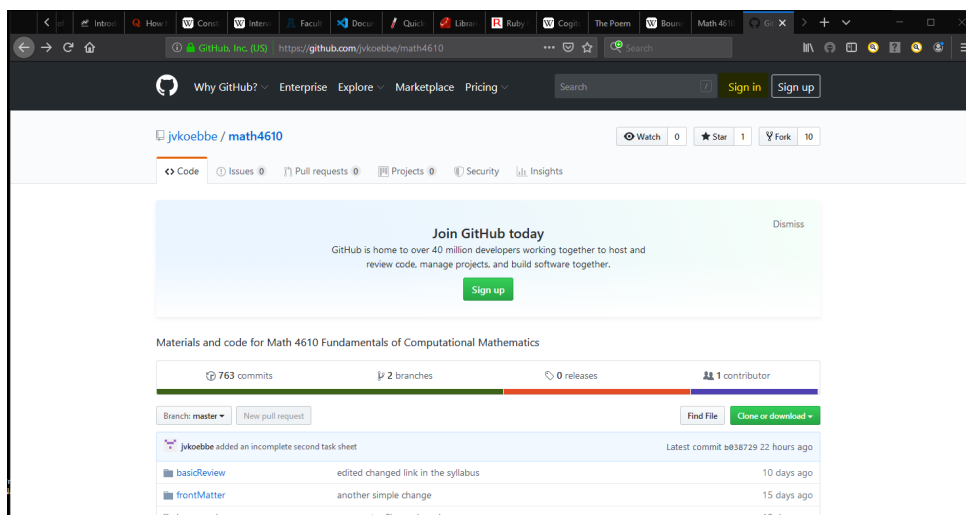


Figure 1: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

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## New Repository for Math 4610: Login to Your Account.

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Use the popup to login to Github with your user name and password.

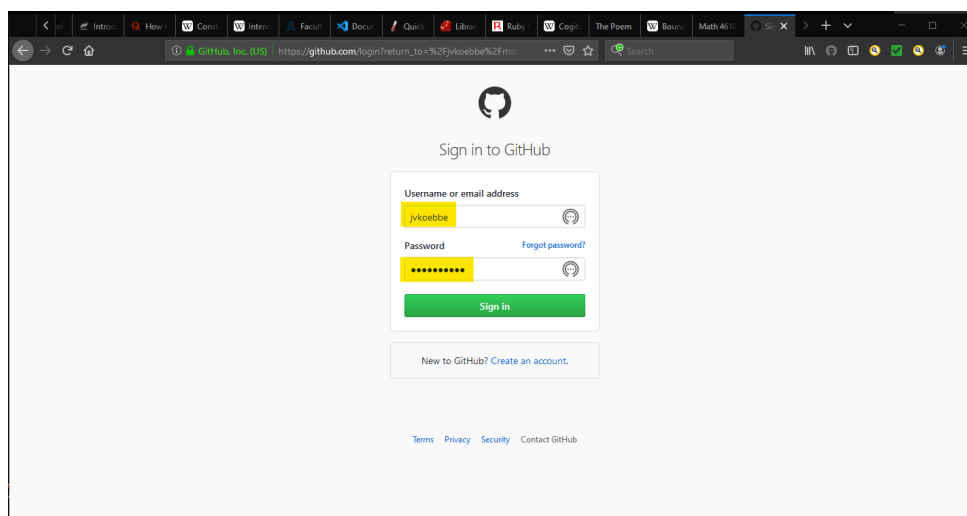


Figure 2: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

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## New Repository for Math 4610: Where to Click to Create a New Repository.

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Click on the menu as shown and then click on the "New Repository" item in the pull down menu. This will take you to a screen to set the name and other settings for the repository.

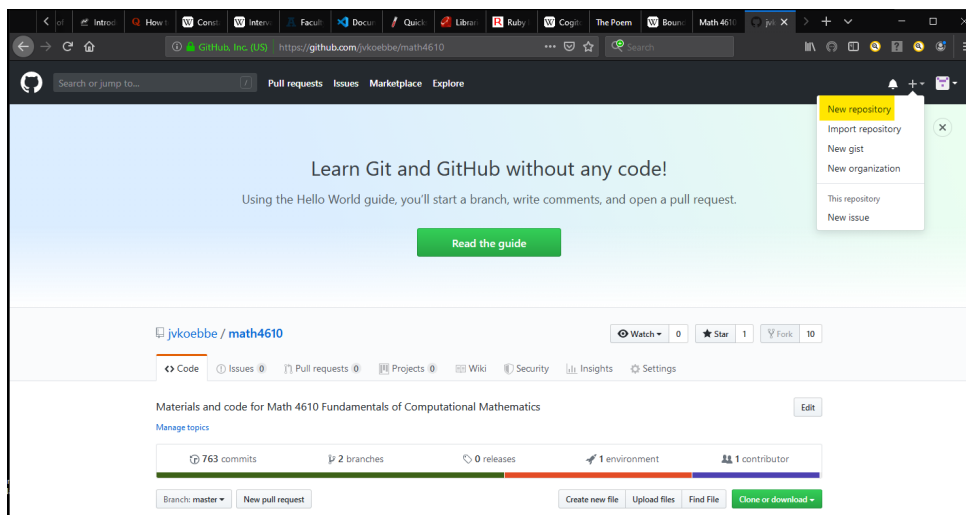


Figure 3: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

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## New Repository for Math 4610: Setting the Name and Other Settings.

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There are a number of things to be aware of in setting up a repository on Github. First, there is the name of the repository. As shown, the name typed in is the following and is highlighted in the figure below.

math4610

Next you should notice that there is an error message. Your instructor already has a repository with the chosen name. Notice the

Create repository

button is not available due to the error message. The third piece of information is the Public versus Private choice. For a homework repository, this probably should be a Private repository. Finally, it is always a good idea to start with a README file in the repository. This acts as a starting point when displayed in a browser.

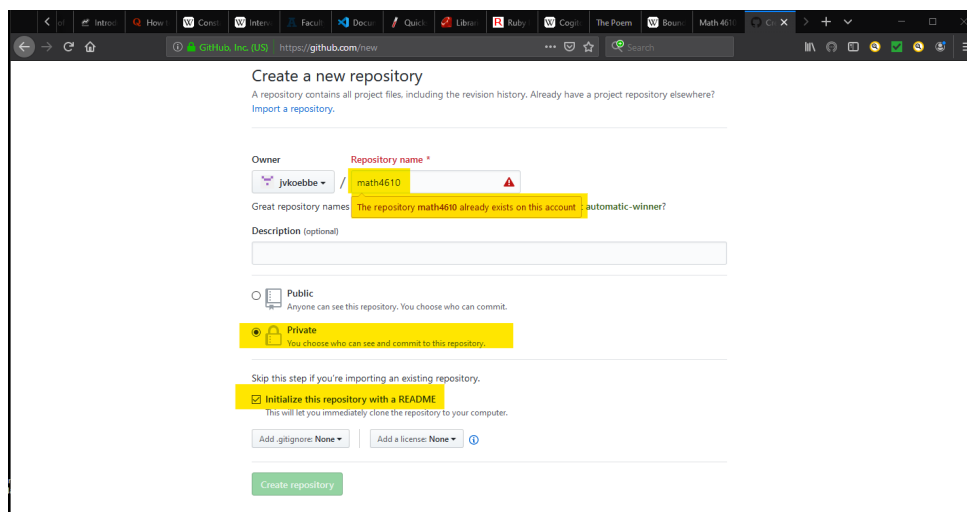


Figure 4: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

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## New Repository for Math 4610: Unique Repository Name Error.

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The following shows a slight modification of the name of the repository. If you already have a repository for this course, you are already able to edit and change things in the repository. If not, use the name math4610

In the next part of this lecture, more will be covered in how to edit and modify any repository that you create.

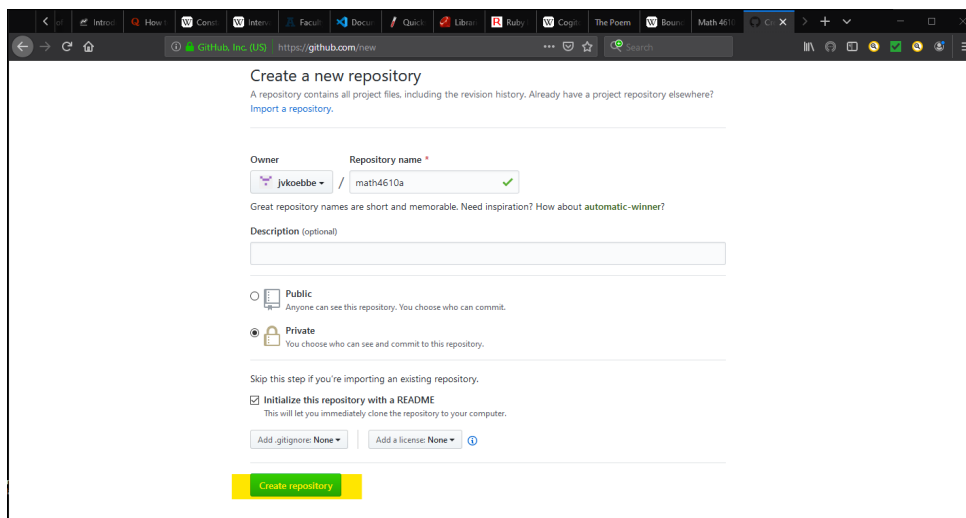


Figure 5: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box