

# Math 4610 Lecture Notes

## Homework Repository Structure and Permissions \*

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## Homework Repository for Math 4610: Creating a Table of Contents .

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The first task students will need to address is how to organize the homework solutions that are turned in. The homework will come in the form of task sheets and upon completion of the tasks, students will need to turn in their work. It will be required that there is a table of contents for the homework solutions and a structure that organizes the different solution sets. The steps that students will need to perform are the following.

1. Create a table of contents file called `hw_toc.md`. The form and contents of the file will be treated in class. At least you will have a couple of entries by the time we are through.
2. Modify the name of the file to create a folder/directory to store solutions to the homework.
3. In addition, in this part of the lecture, a subfolder for each solution set will be determined.

Note that Github will not allow you the luxury of creating an empty folder. This is an advantage in using “git” on a local machine. When changes are “pushed” to Github, empty folders are ignored. So, let’s get started on the formatting.

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## Homework Repository 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.

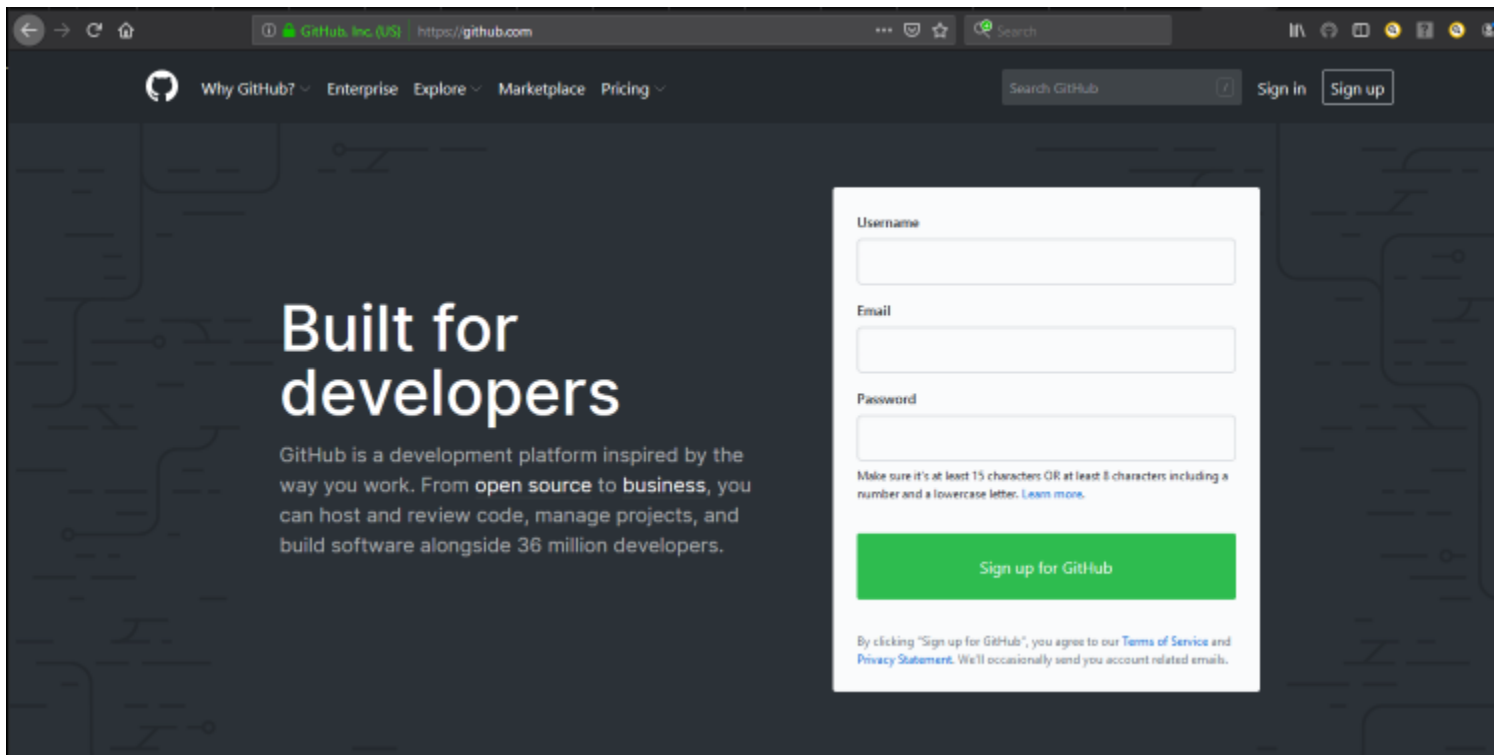


Figure 1: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

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**Homework 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.

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**Homework Repository for Math 4610: Starting Point for Working on a Repository.**

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Once the following pops up, we can navigate in amongst the repositories if you have more than one. In any case, you should have a repository named

`math4610`

Click on this repository to start creating files and the like. Click on the button that will create a new file.

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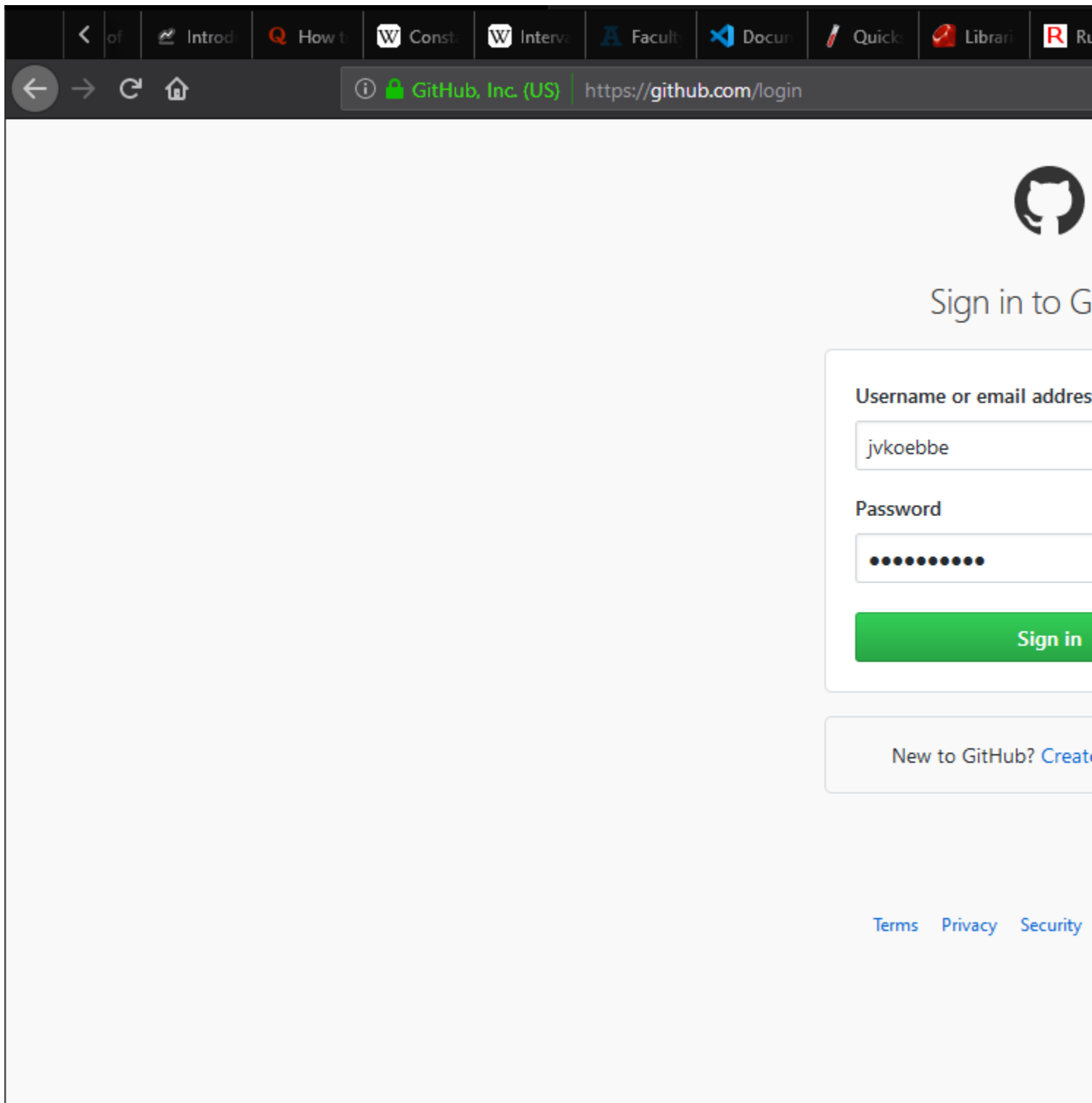


Figure 2: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box



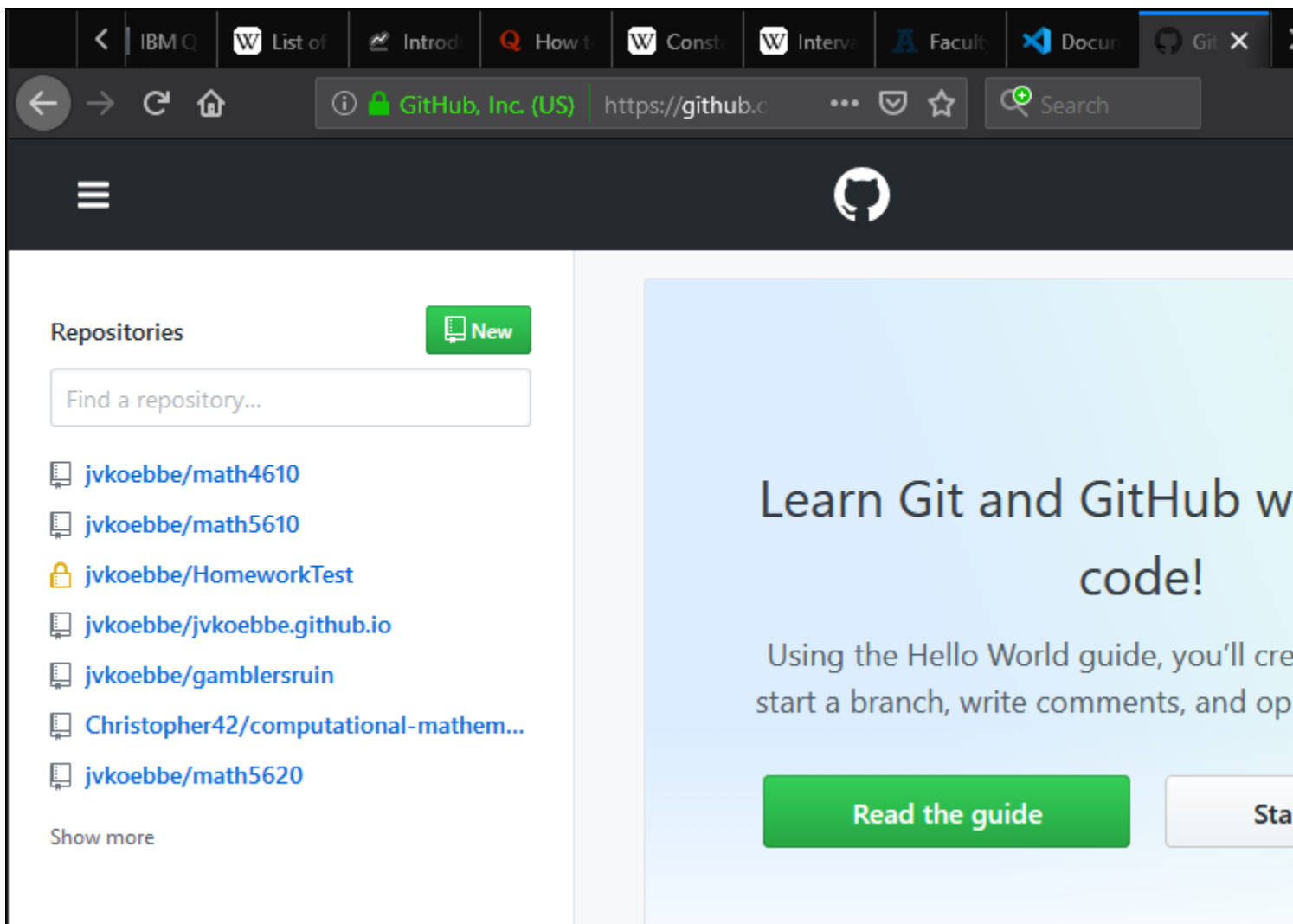


Figure 3: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

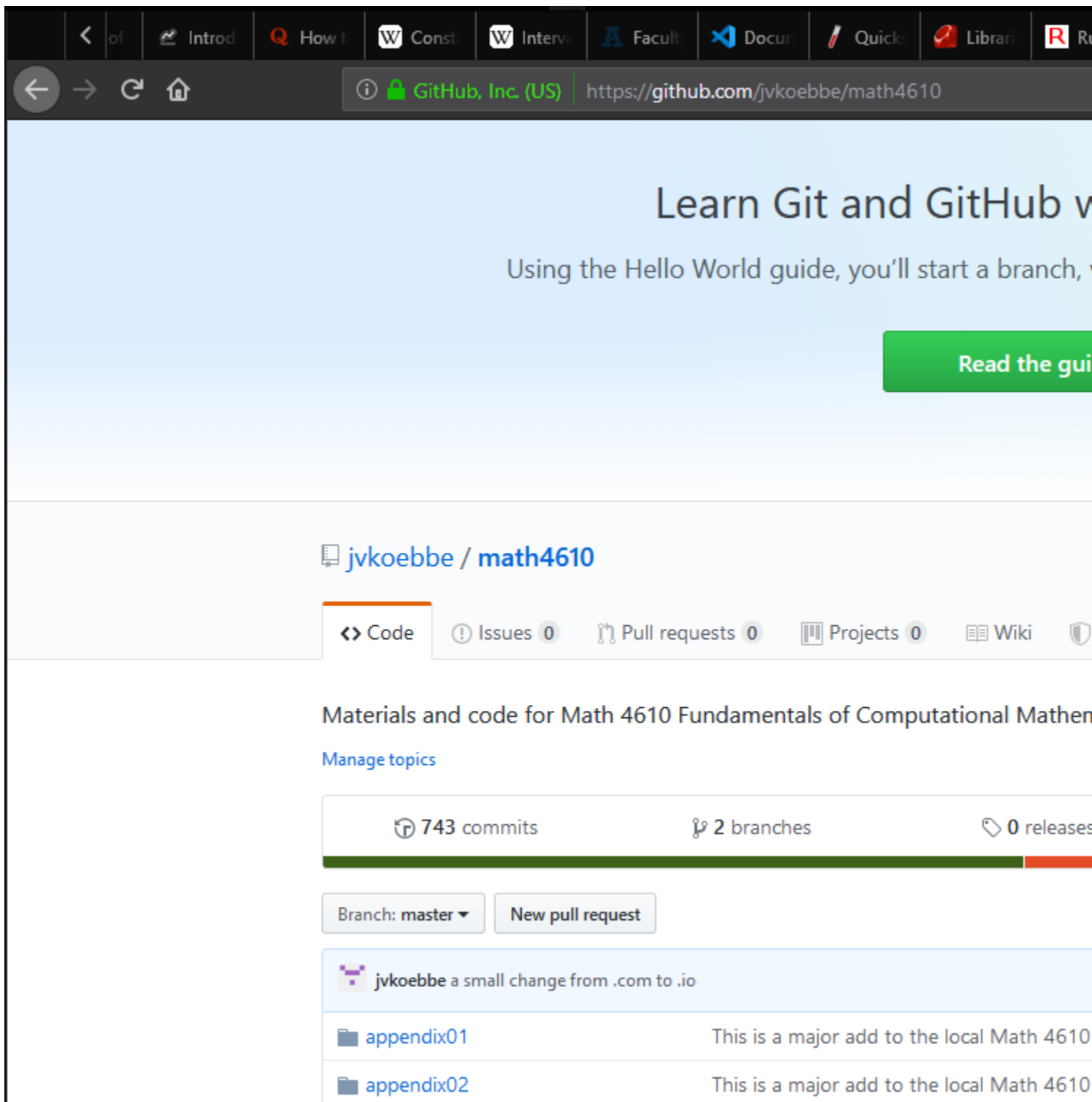


Figure 4: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

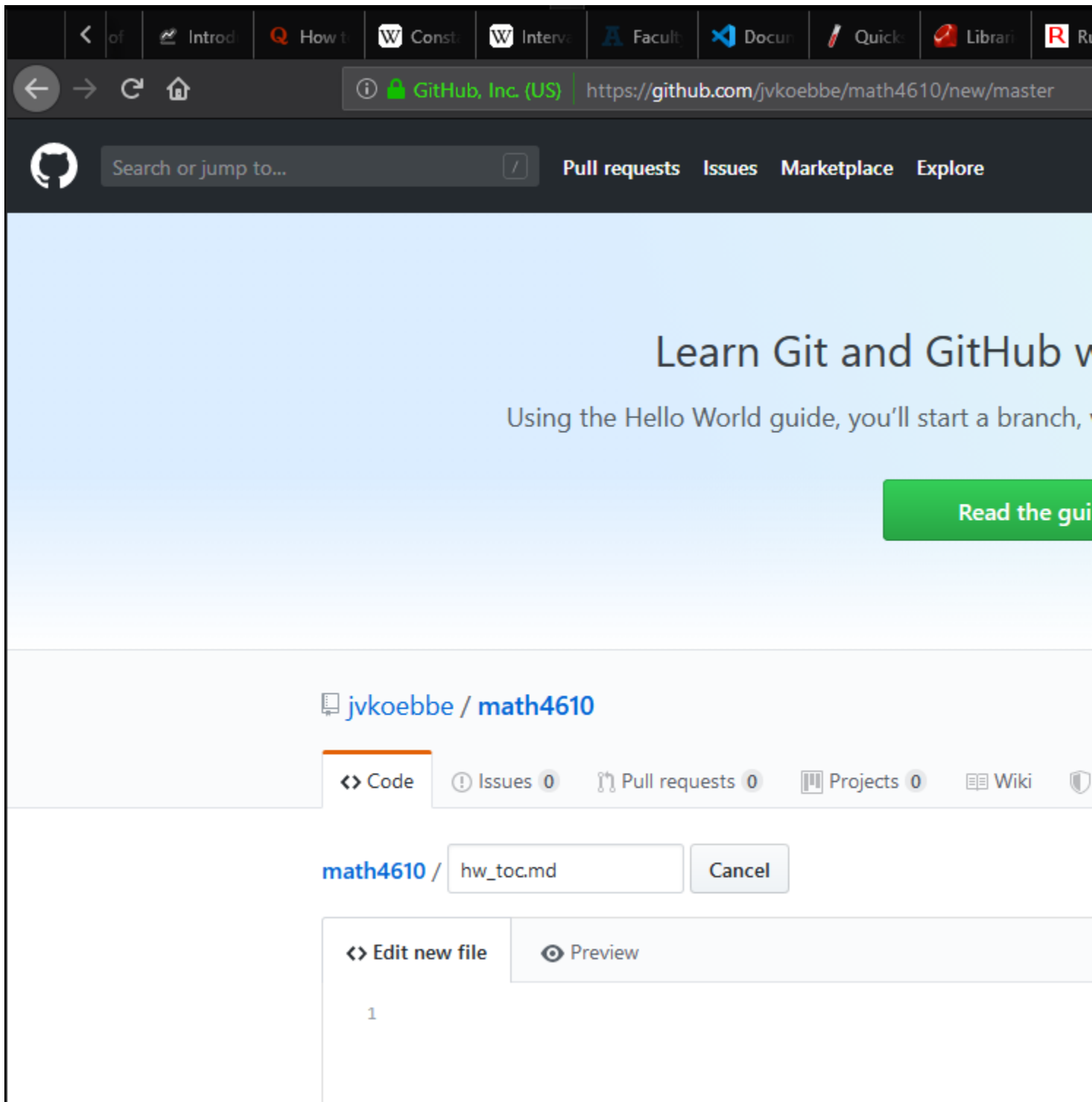


Figure 5: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

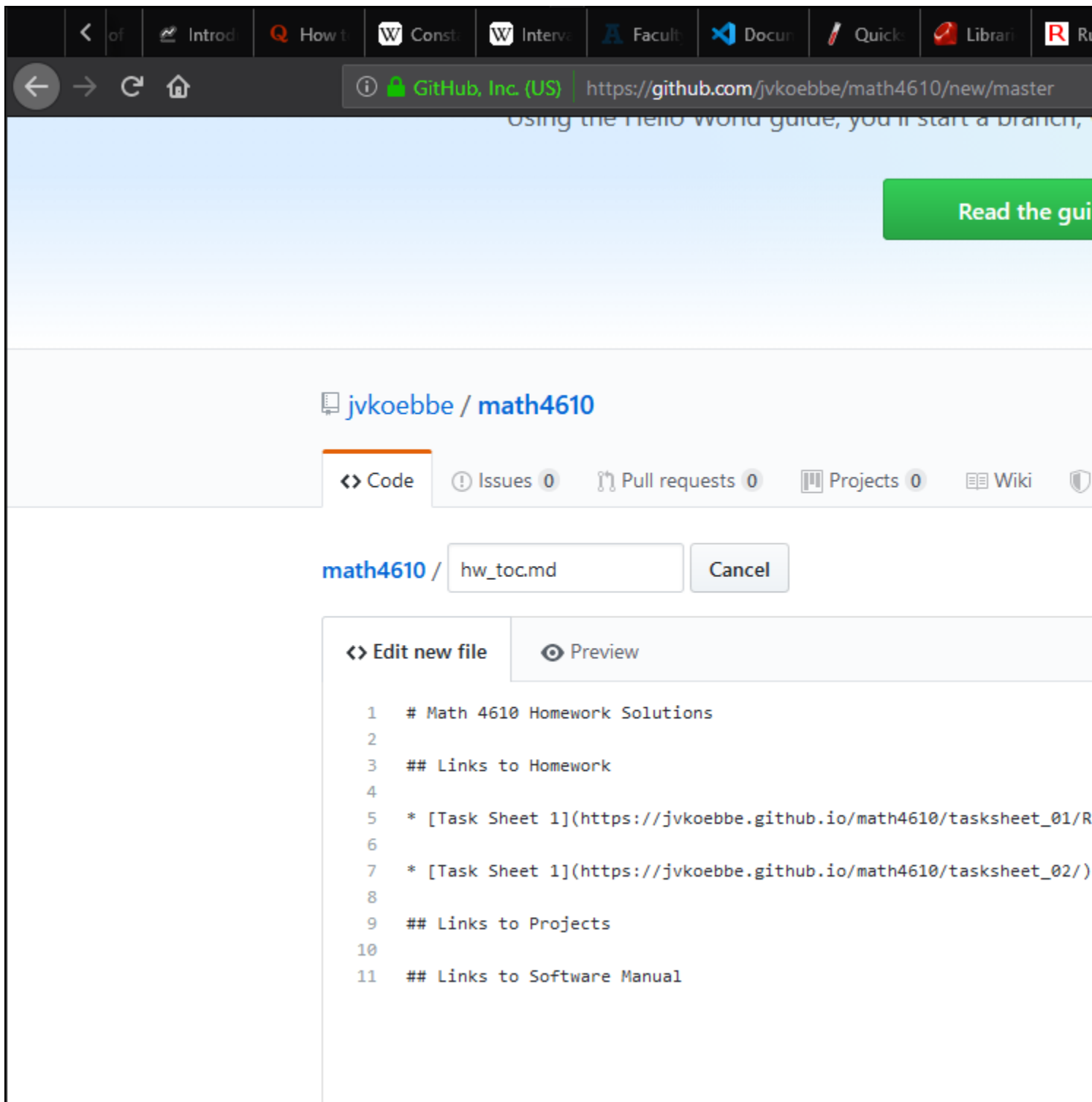


Figure 6: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

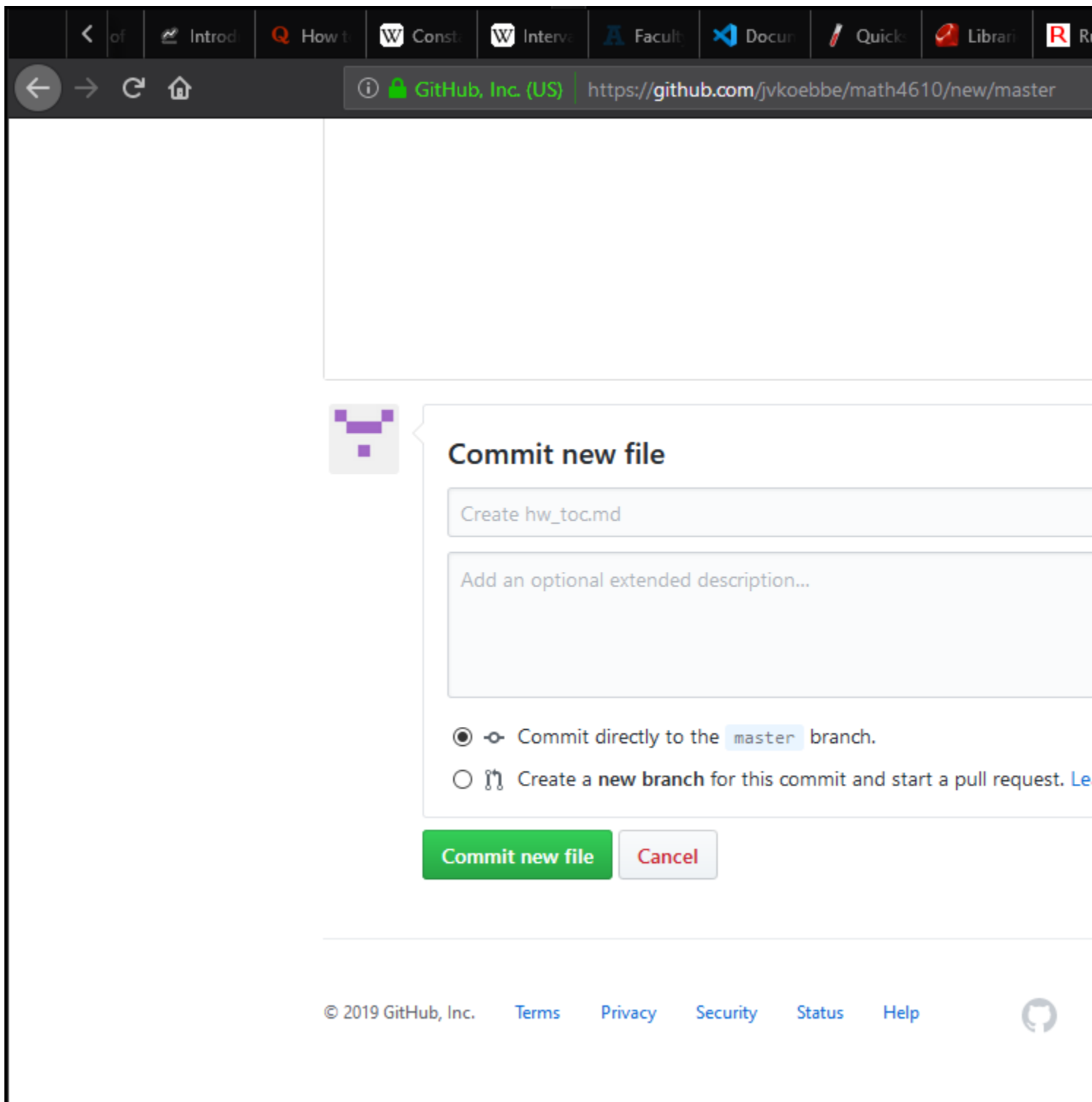


Figure 7: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

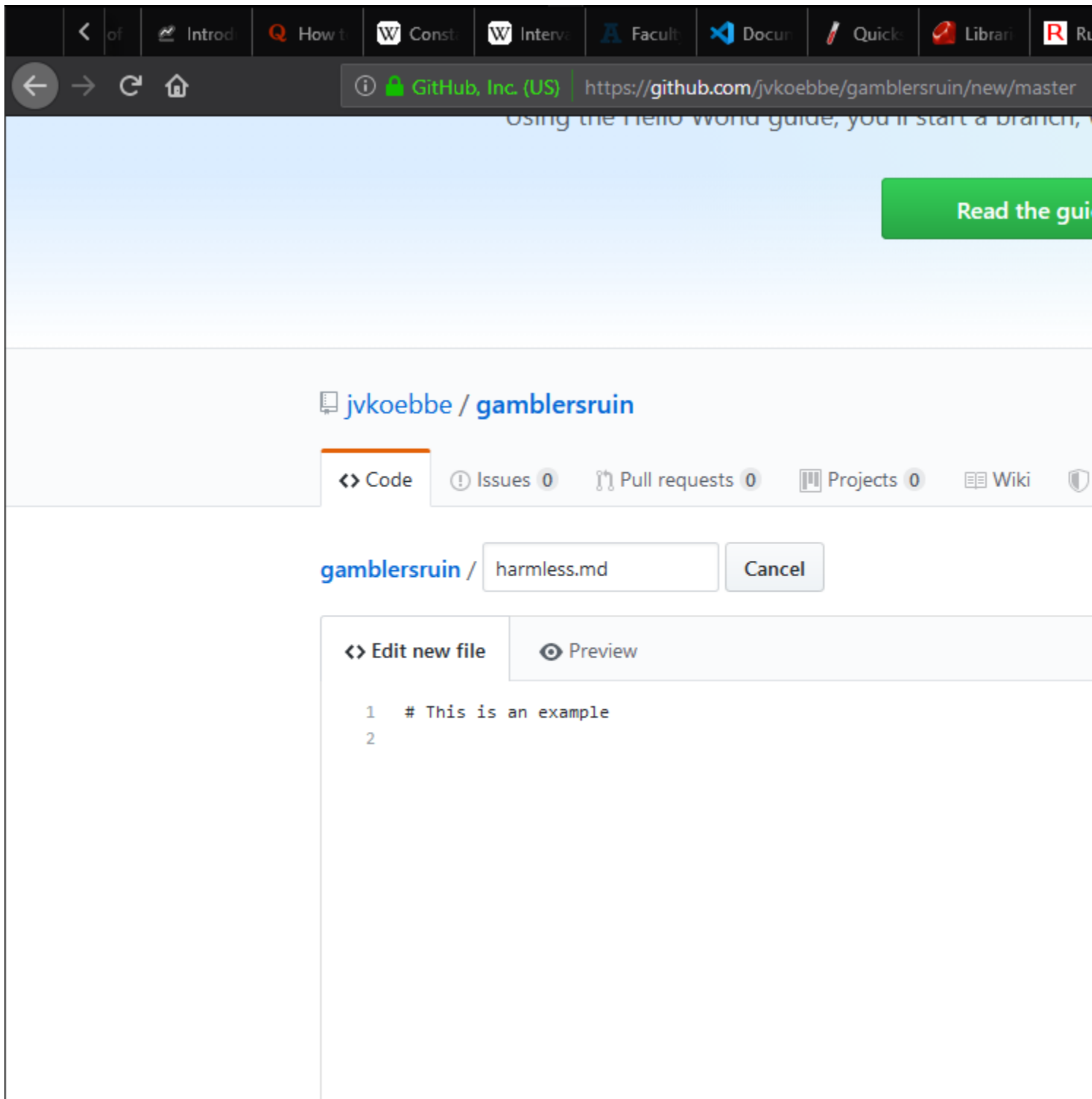


Figure 8: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

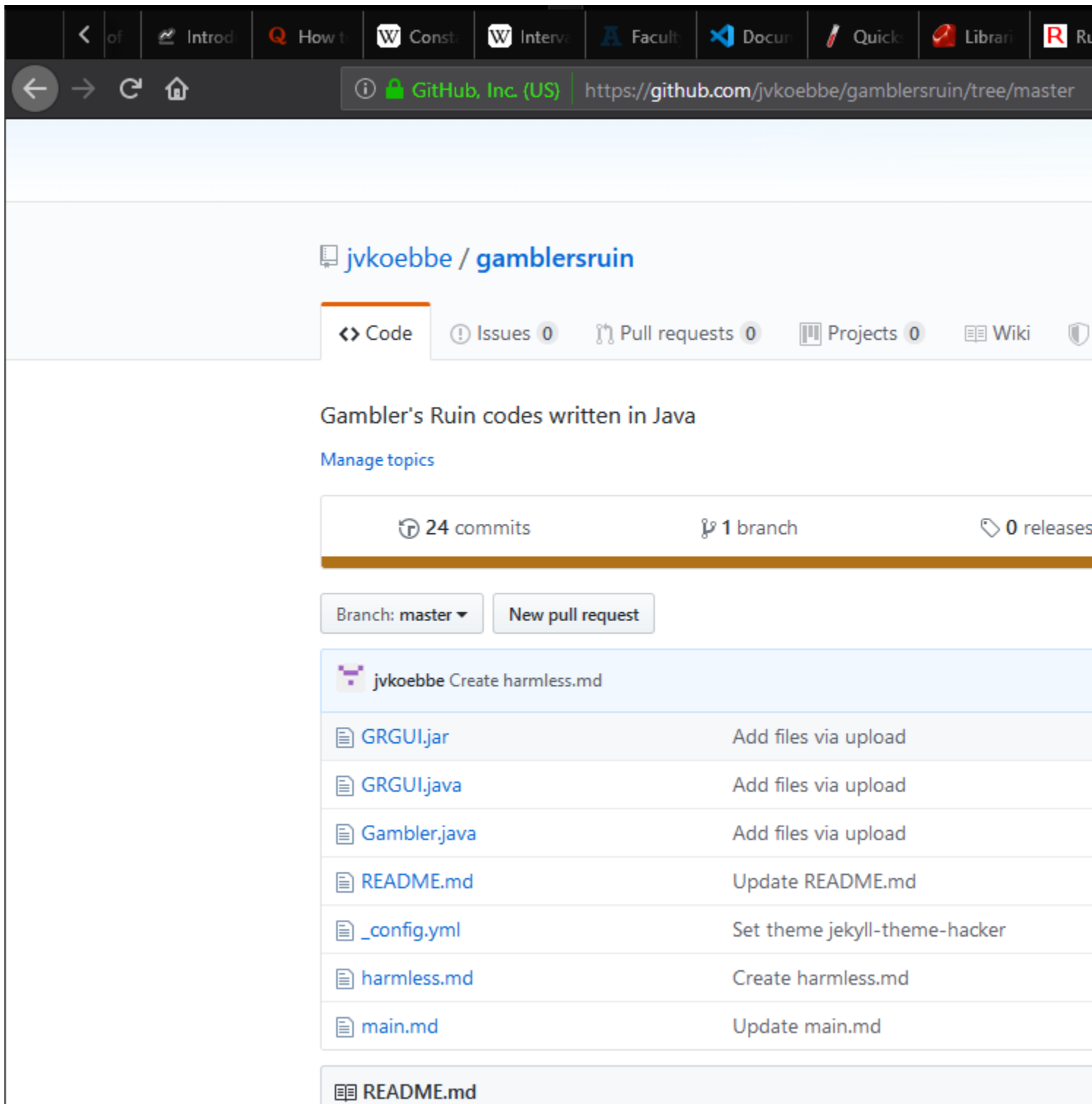


Figure 9: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

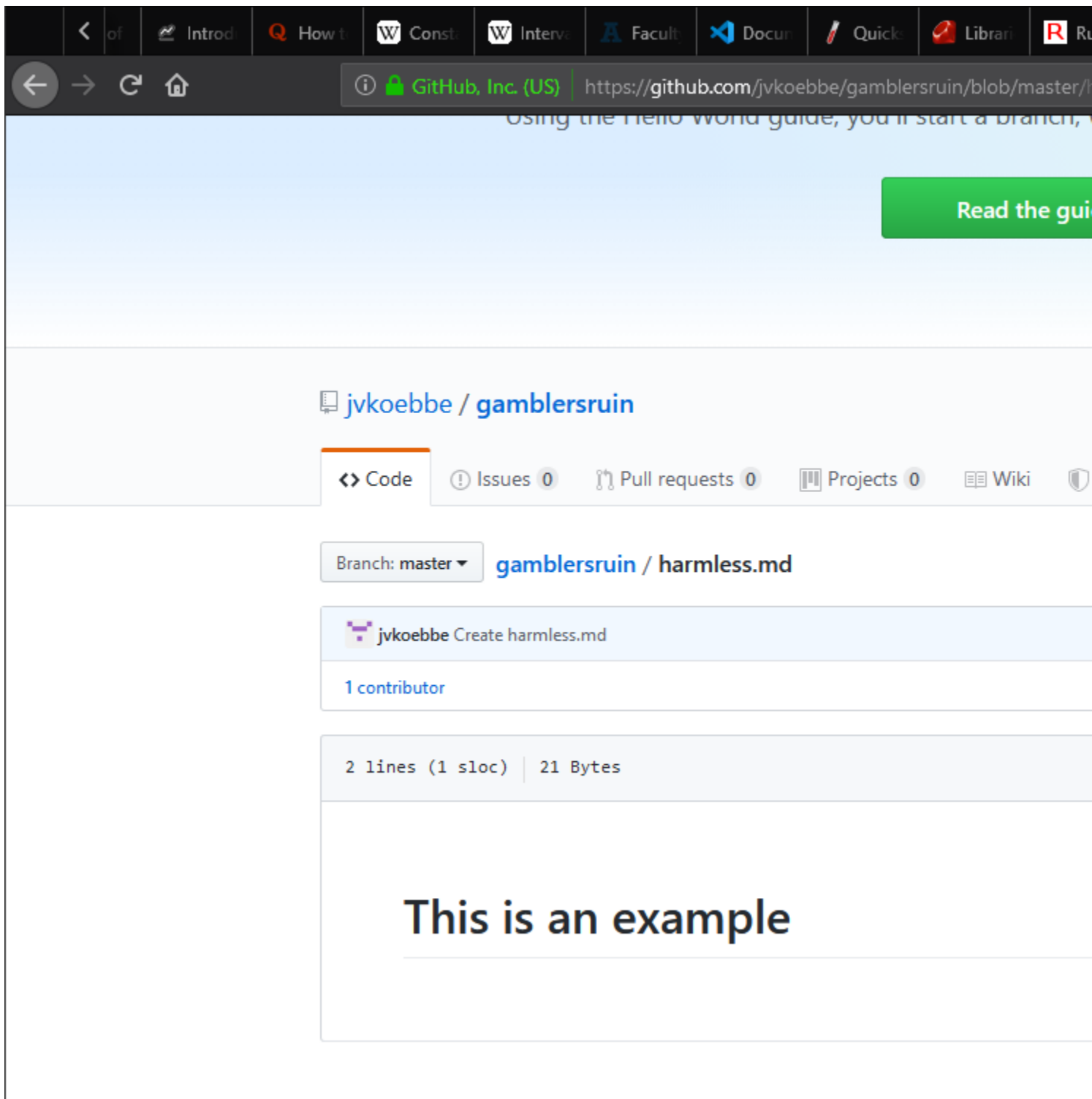


Figure 10: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box



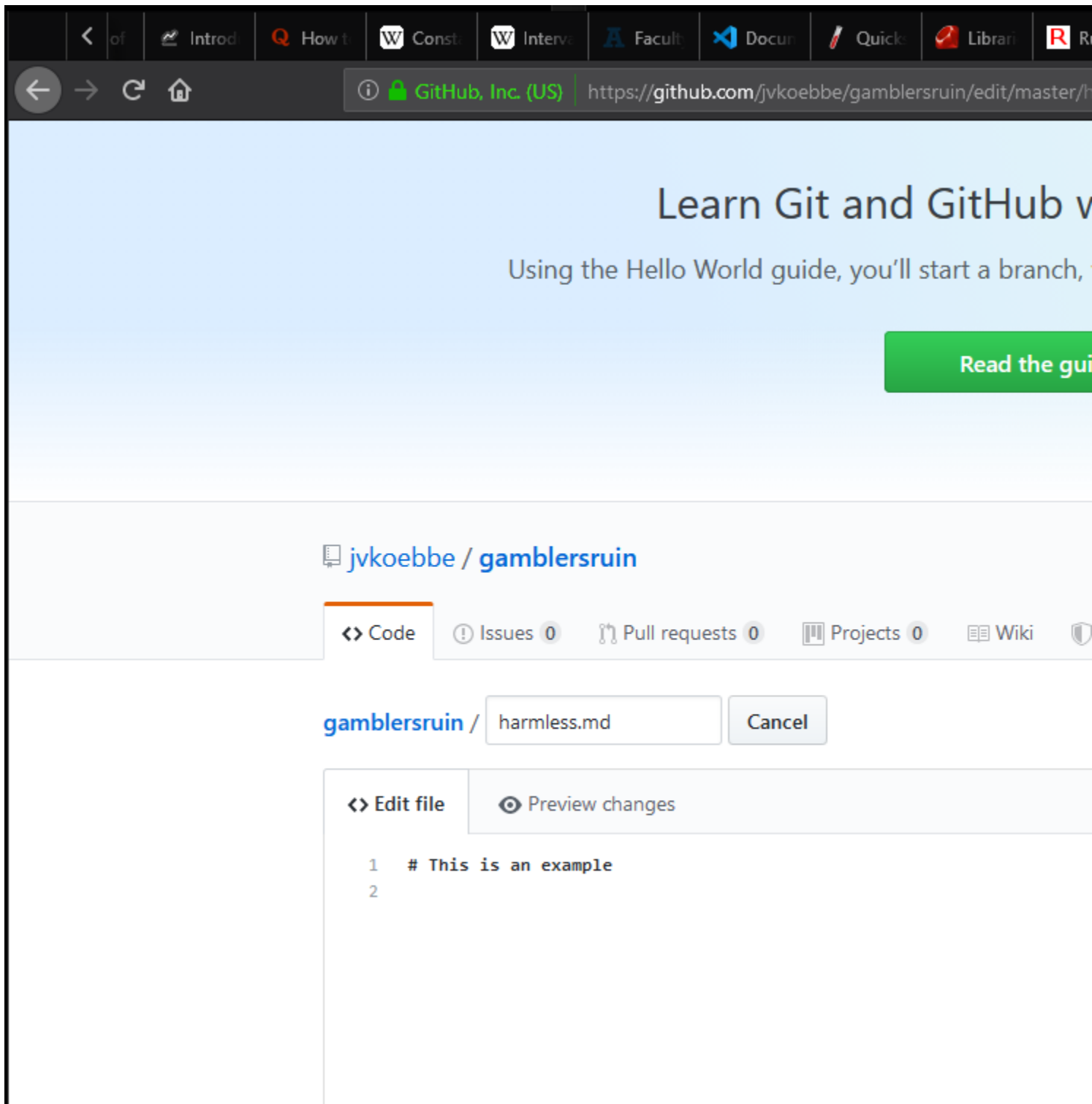


Figure 11: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

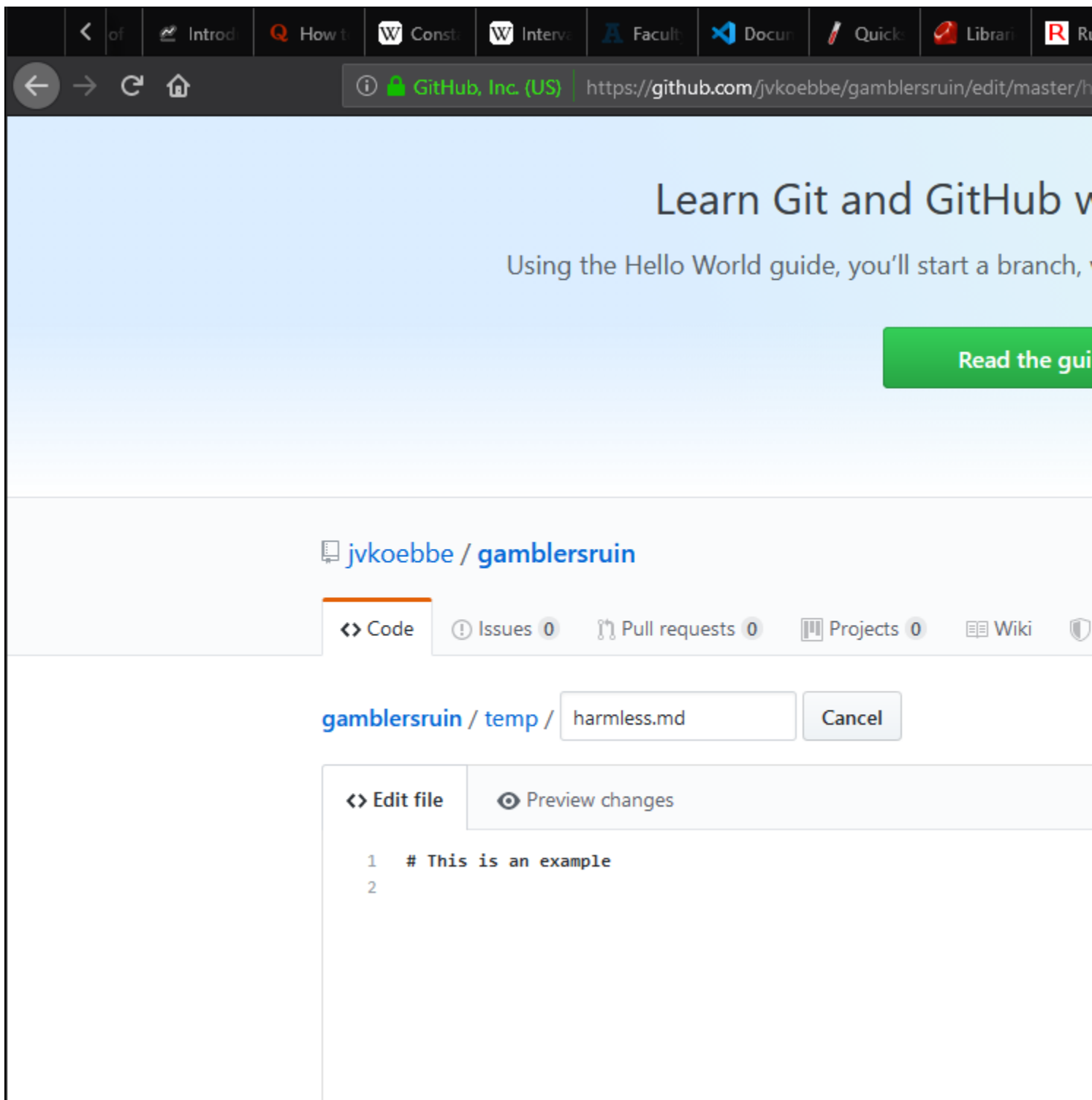


Figure 12: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

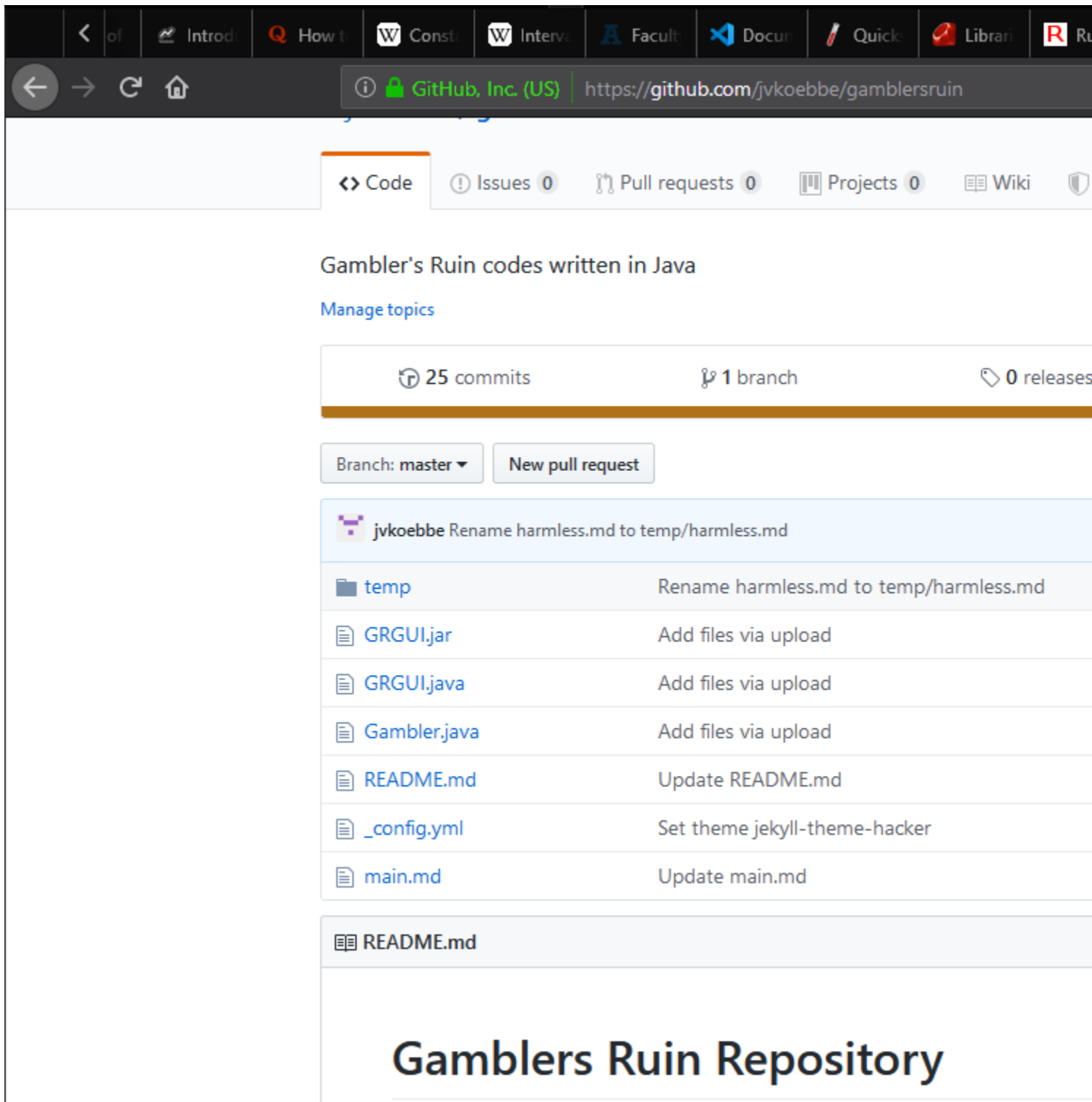


Figure 13: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box