Math 4610 Fundamentals of Computational Mathematics - Topic 7.

We will need to communicate through Github for most of the semester. Github is a site where you can store/share all kinds of computational data, programs, and documents. So, in this topic we will go through the process of setting up an account, if you do not already have and account, and set up a repository for the course. Once this is done, we will work with folders and subfolders where you will be able to complete homework and other assignments. More importantly, learning how to create a repository is important.

Get an Account on Github

To create an account on GitHub, go to the Github site on any browser. If you already have an account, you can skip this step.

```
https://github.com
```

This site will display a place to create an account or sign in to an existin account.

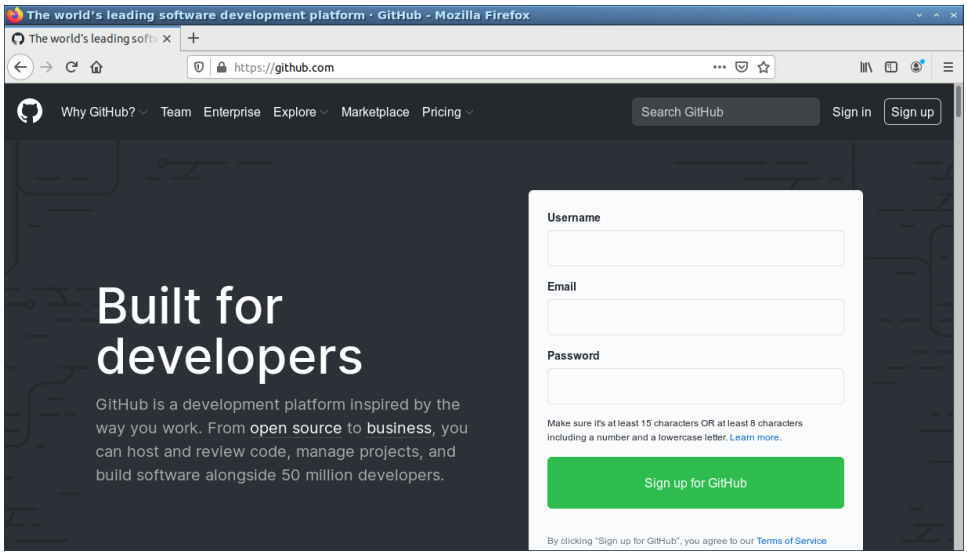

Figure 1: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

GitHub Primer for Math 4610 at USU: Setting up a Repository

Once you log in, you will need to build a repository for use in the class and to turn in homework and completed tasks and projects. For the course, you will create a repository named the following:

```
math4610
```

Use only the characters above and using the following rules:

1. Use only lower case characters - github is case senesitive.
2. Do not put any blanks in the name of the repository.

Note that the instructor will use only this repository name in looking for your work.

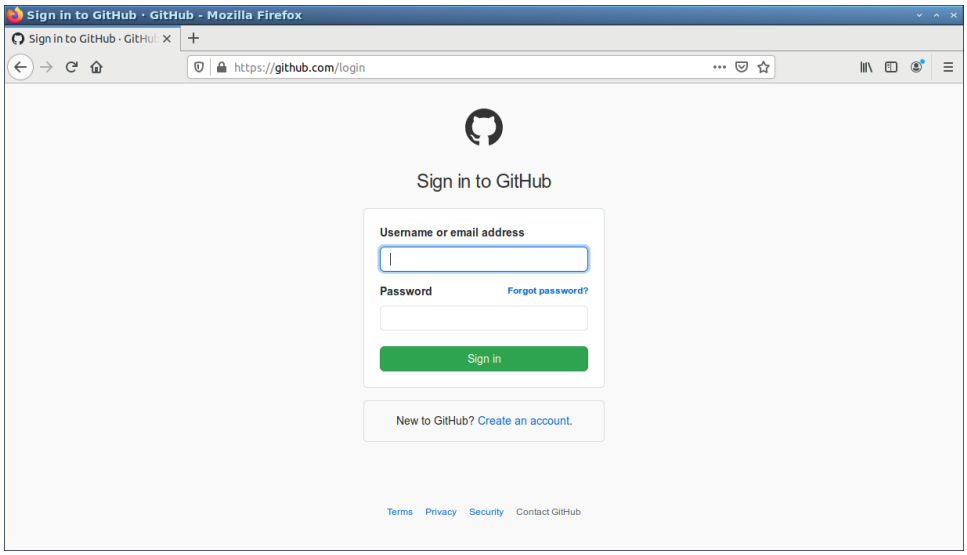

Figure 2: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box

Github Primer for Math 4610 at USU: List the Contents of the Home Directory

If you have an account on GitHub, you will already know a lot about these things. However, when you are logged in you will see the main screen with any repositories you may already have created. We will go through the steps to build and name repositories in the next few pages.

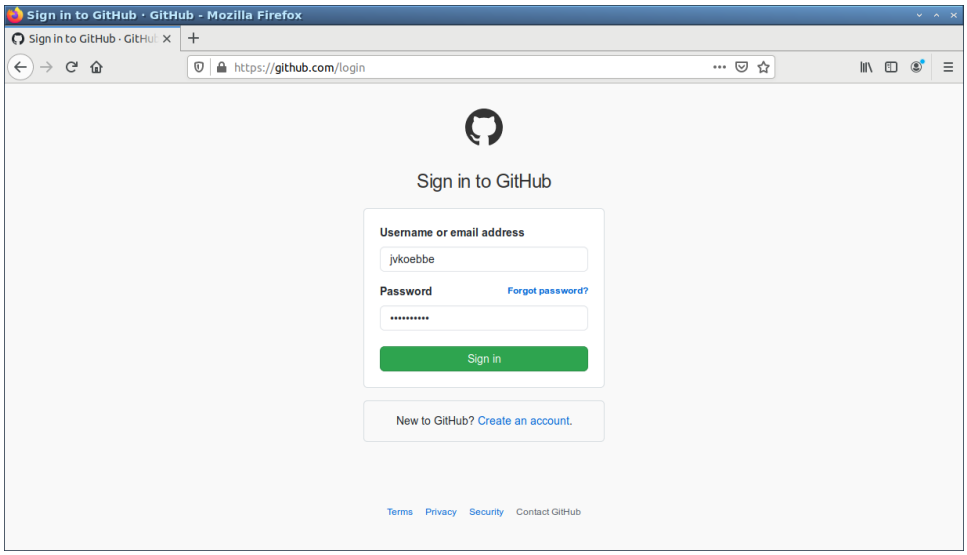

Figure 3: Screenshot taken using **Snip & Sketch**. This is an app on my Windows 10 box