framework
PROFESSIONAL DEVELOPER BOOTCAMP

Day 1: Setting Up Your Coding Studio and Moving Forward

Congratulations! You're on the road.

This is an exciting day. This is the day you set up your coding studio in preparation to become a professional programmer.

Don't worry— Everything you need is free and available to download. Follow the instructions below and you'll be equipped like a pro and ready to dive into the coding lessons coming tomorrow.

Hardware Guidelines
The Framework program can be completed on any contemporary Mac or PC based computer. Any machine made in the last six years will do. For a Mac, running the latest version of OSX would be preferable. For the PC we test all of our content on Windows 10, however, earlier versions will likely work out fine.

Surprisingly, much of what we'll do in Framework does not require a highly powerful computer. A $300 laptop will get you through the program. If you do spend money on hardware, I highly recommend getting the best monitor you can afford. You'll spend your entire day staring at your monitor, so spend the money to get the best you can.

Step 1: Don't forget to Introduce Yourself on Slack
You can access the LearnToProgram student slack channels at:

https://learntoprogramcourses.slack.com/shared_invite/MTg2NjM4NDAxMzMyLTE0OTU0OTU0NzctMjgwODYzNTE3MQ

 Once you copy and paste this link, and fill out the necessary information you'll have access to the Slack channel called #pre-bootcamp. This channel is monitored by LearnToProgram instructor mentors, and other students and is the fastest way to get your questions answered.
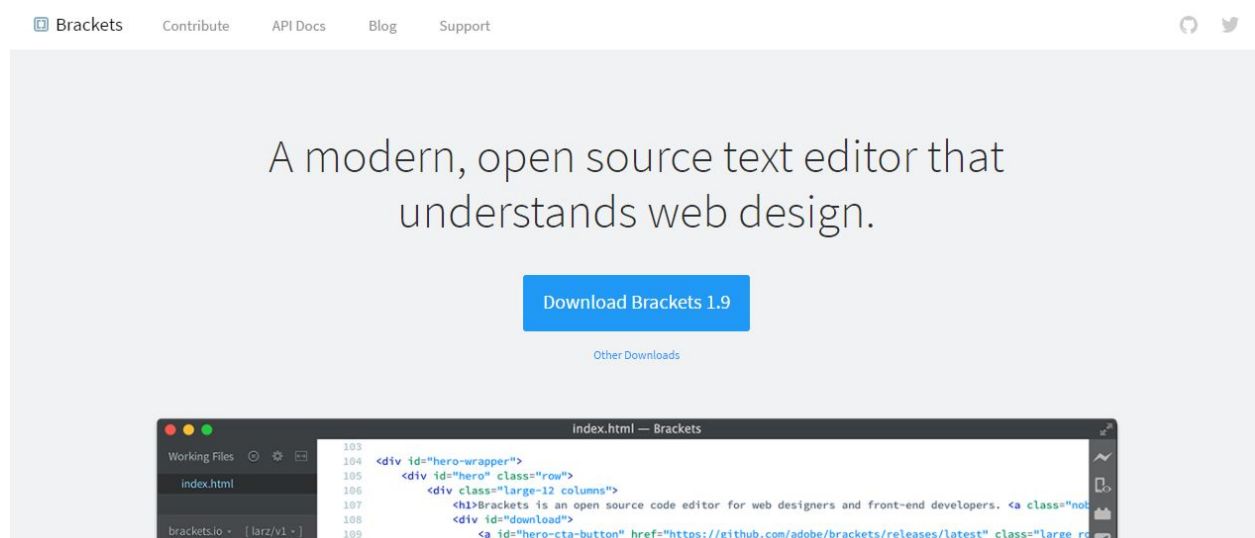
You should go there and introduce yourself now.

learntoprogram .tv

The use of Slack is by design. It is a tool used by many development teams to communicate. Becoming familiar with it will provides you with knowledge of a familiar communication tool when you get your first jobs in the software industry.

Step 2: Download your text editor

You may use any text editor you wish in the Framework Program. A text editor is different from a word processor— Word Processors such as Microsoft Word™ embed formatting codes into your document that would cause errors when a program executes. For this reason you need a pure text editor.

We recommend our students start with Brackets, which is **free** and made by Adobe. You may visit www.Brackets.io and download the version for your computer.

We recommend the Brackets editor. You may download this editor for free at www.Brackets.io. One of the neat things about this editor is that it's written in HTML5, Javascript and CSS— the same languages we'll be using throughout the Framework program.

Step 3: Take Brackets for a spin

Open your Brackets text editor and click File —> New from the drop down menus. You'll see a blank document with the line number 1 appear. Click next to the line number 1 to insert your cursor and enter the following code:

```
<!DOCTYPE html>
<html>
    <head>
        <title>First HTML Document</title>
    </head>
    <body>
    <h1>Testing My Text Editor</h1>
    <p>This is my first HTML document.</p>
    </body>
</html>
```

Save your document by clicking File—> Save from the drop down menus. Choose a filename like first.html. (The name of the file doesn't really matter as long as you have the .html extension at the end). Notice that when you save the file, Brackets employs code highlighting and colors your code to make it easier to read.

Notice the lightening bolt icon on the right side of the Brackets interface. Click it and the Chrome browser will load. (If you don't have Chrome installed, install it. https://www.google.com/chrome/browser/desktop/).
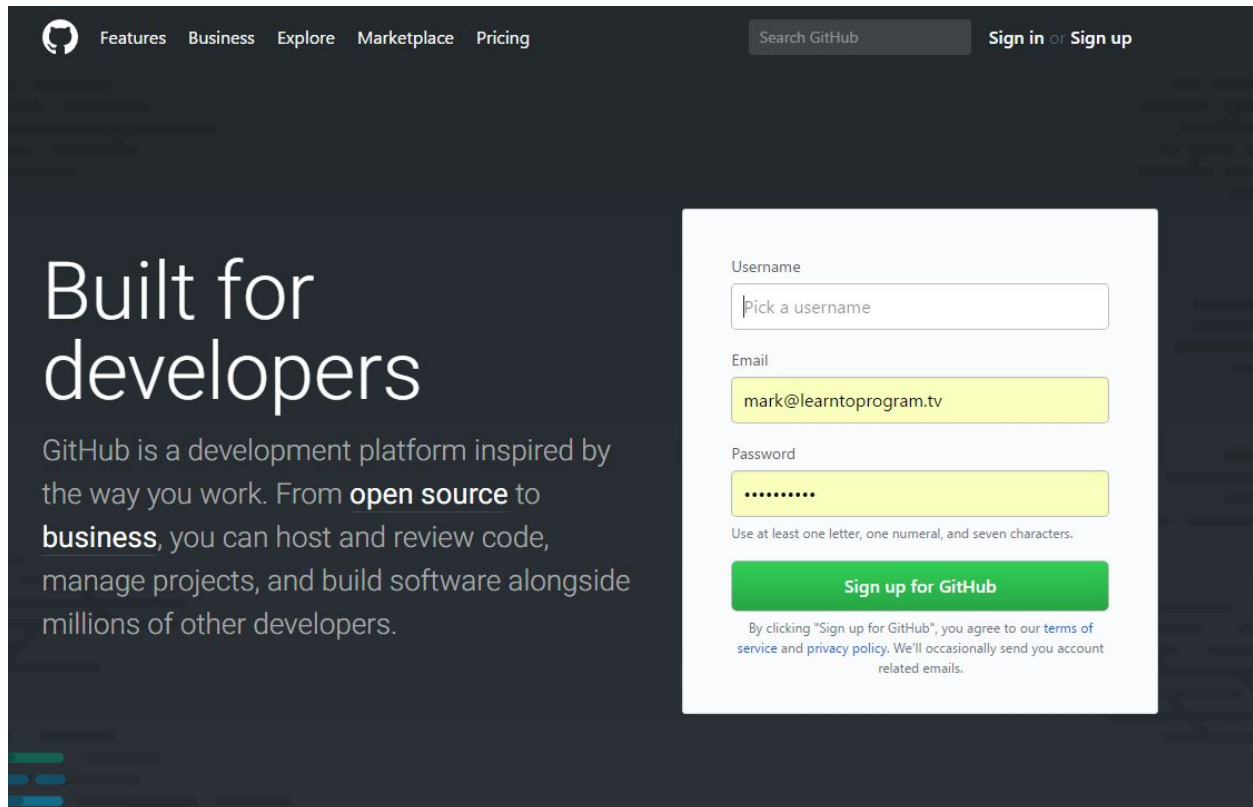
Your page will load in the browser and, if you've done everything correctly, will look like this:

Step 4: Set up Your Github Account and Complete the Tutorial

Throughout the program we use Github as our code repository. You will get in the habit of storing all of the code you write in Github. First, you'll need an account. Visit www.github.com and create an account using the form on the front page. The free Github account is sufficient for the Framework Program. (If you want private repositories there is a nominal monthly fee.)

Girhub is a code repository with a serious social component. You're Github account will be critical as you complete the Framework Bootcamp program.

To familiarize yourself with Github please complete the Github "Hello World" tutorial at https://guides.github.com/activities/hello-world/.

Once you complete the tutorial, see if you can place the HTML file you completed earlier in a tutorial called **framework-hello-world**. Provide the URL for your repository on Slack for others to see.

If you have any trouble at all, don't hesitate to ask questions in Slack #pre-bootcamp or email one of the instructors. (You'll receive a "Meet Your Instructors" email in a day or two if you haven't already).

Congratulations on completing this first activity and, again, welcome to Framework!

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