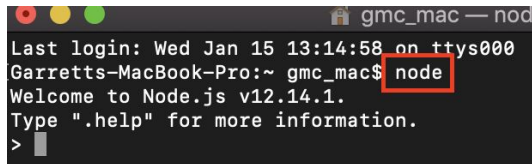


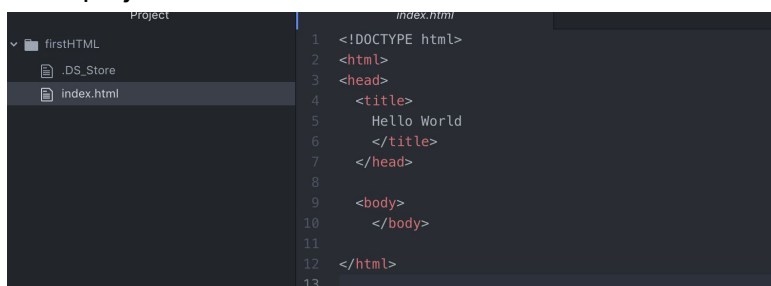
How to run an HTML project using the http-server tool on Mac

1. The first thing you are going to do is install node.js onto your computer. To do this you'll need to go to <https://nodejs.org/en/> and install the latest version. Once the nodejs is installed you will need to open the bash terminal and you are going to type "node" after the "\$" symbol and your devices name shown in the screenshot below. Once this is done you should see "Welcome to Node.js -version #-", press control+c twice to exit this.

A terminal window titled 'gmc_mac — nod'. It shows the command 'node' being entered after the prompt 'Garretts-MacBook-Pro:~ gmc_mac\$'. The output is 'Welcome to Node.js v12.14.1. Type ".help" for more information.' followed by a prompt '>'.

```
gmc_mac — nod
Last login: Wed Jan 15 13:14:58 on ttys000
Garretts-MacBook-Pro:~ gmc_mac$ node
Welcome to Node.js v12.14.1.
Type ".help" for more information.
>
```

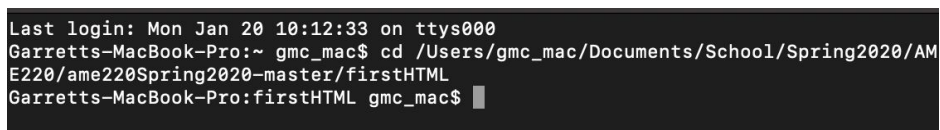
2. Next you are going to want to install the http-server. In the Bash (Terminal) you are going to type "sudo npm install -g http-server" (enter this after the "\$" symbol). Once this is installed move to the next step.
3. I will be using Atom (<https://atom.io>), In this tutorial I am just going to be using a basic html file shown below in the screenshot. You are going to want to make sure your html file is in a project folder, mine is in the "firstHTML" folder on my computer. Save this file in the project folder as "index.html" and move onto the next step.

A screenshot of the Atom text editor. The left sidebar shows a file explorer with a folder named 'firstHTML' containing 'index.html'. The main editor area shows the content of 'index.html', which is a basic HTML document with a title 'Hello World'.

```
Project
  firstHTML
    .DS_Store
    index.html

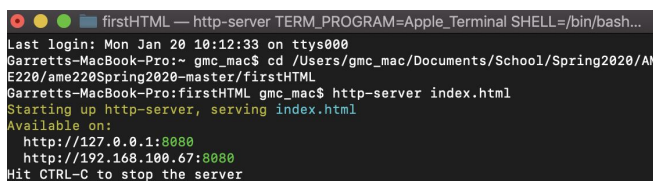
index.html
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>
5     Hello World
6   </title>
7 </head>
8
9 <body>
10
11 </body>
12 </html>
13
```

4. You are going to want to open your Bash (Terminal on Mac) and cd to your project folder. To do this you need to type "cd" then the location of your project folder. The best way to do this is to drag the file into the Bash terminal. Then click enter.

A terminal window showing the command 'cd /Users/gmc_mac/Documents/School/Spring2020/AME220/ame220Spring2020-master/firstHTML' being entered and executed. The prompt changes to 'Garretts-MacBook-Pro:firstHTML gmc_mac\$'.

```
Last login: Mon Jan 20 10:12:33 on ttys000
Garretts-MacBook-Pro:~ gmc_mac$ cd /Users/gmc_mac/Documents/School/Spring2020/AME220/ame220Spring2020-master/firstHTML
Garretts-MacBook-Pro:firstHTML gmc_mac$
```

5. Now in this step you will need to use the bash terminal to run the html document in the http-server. Now type "http-server index.html" and the server will run the document. You will see some IP addresses, to make sure it worked, copy the shorter one and paste into your web browser. If in the browser it shows the title of the html document you have succeeded in this tutorial.

A terminal window titled 'firstHTML — http-server TERM_PROGRAM=Apple_Terminal SHELL=/bin/bash...'. It shows the command 'http-server index.html' being executed. The output includes the IP addresses 'http://127.0.0.1:8080' and 'http://192.168.100.67:8080', and a message 'Hit CTRL-C to stop the server'.

```
firstHTML — http-server TERM_PROGRAM=Apple_Terminal SHELL=/bin/bash...
Last login: Mon Jan 20 10:12:33 on ttys000
Garretts-MacBook-Pro:~ gmc_mac$ cd /Users/gmc_mac/Documents/School/Spring2020/AME220/ame220Spring2020-master/firstHTML
Garretts-MacBook-Pro:firstHTML gmc_mac$ http-server index.html
Starting up http-server, serving index.html
Available on:
  http://127.0.0.1:8080
  http://192.168.100.67:8080
Hit CTRL-C to stop the server
```

