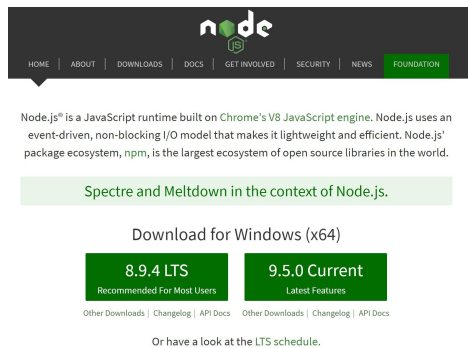


Setting up a local server (Windows)

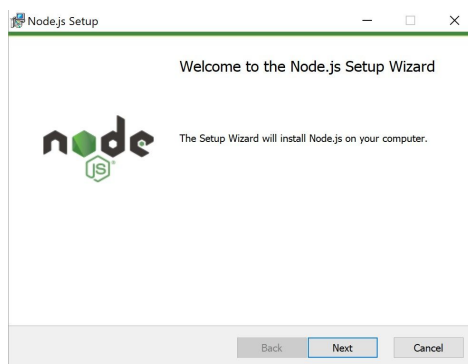
When localhost is needed:

Why? There's a sort of "church-and-state" separation between your browser and your file system for security reasons (imagine if the reverse were true, and google.com could read whatever it wanted off your harddrive!) Thus when you code a static file asset, e.g. a font file, image file, audio/video, etc. into your p5 sketch, JavaScript makes a call for the file, expecting it to be "served" by a server with the same hostname as the sketch.js file. Said server is not there unless we run a local server. Local simply means "on your computer," you still aren't serving to the wider internet. Note that GitHub is the server for each of your homepages, so anything uploaded is automatically served by GitHub to the internet (through HTTP requests as we talked about.)

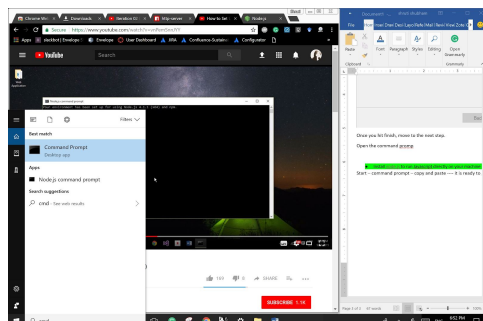
1. For Windows Users



Install node.js. Download the recommended version for Windows (x64).



Run the installer.



Once you hit finish, open command prompt by typing cmd in your search bar.

```
C:\> Command Prompt
Microsoft Windows [Version 10.0.16299.192]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\shrut>http-server -g
```

After the prompt text C:\Users\username>, type http-server -g, and hit enter.

```
C:\> Command Prompt
C:\Users\shrut>http-server "C:\Users\shrut\Documents\GitHub\shruti3101.github.io"
```

Once that is done. Copy the path to your GitHub folder and type, http-server "YOUR FOLDER PATH", as demonstrated. Hit enter.

```
C:\> Command Prompt - http-server "C:\Users\shrut\Documents\GitHub\shruti3101.github.io"
C:\Users\shrut>http-server "C:\Users\shrut\Documents\GitHub\shruti3101.github.io"
Starting up http-server, serving C:\Users\shrut\Documents\GitHub\shruti3101.github.io
Available on:
  http://192.168.1.7:8080
  http://127.0.0.1:8080
Hit CTRL-C to stop the server
```

You have now created a local server and to access it, copy the IP address, in this case <http://127.0.0.1:8080>.



Hello

[Query 1. My Ugly Clock](#)
[Query 2. Two different types of transformations](#)
[Query 3. Background color change](#)
[Query 4. Rotation](#)
[Query 5. Making irregular shapes](#)
[Query 6. The Shithole President](#)

Paste the URL <http://127.0.0.1:8080> in your browser and you should see your homepage.