Website Building Workshop

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Resources

- Download these —> https://goo.gl/15qqsD
- Create a Github Account
- Download Sublime Text or Atom (optional but recommended)

Agenda

- What is a Website
- Hosting & Git
- HTML
- CSS
- JavaScript

What is a Website

index.html
123.4.5.6

Server

Browser

Hosting & Git

GitHub

HostGator

Go Daddy®

HTML

- HyperText Markup Language
- HTTP -> HyperText Transfer Protocol
- Can have semantic meaning

HTML

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Heading</h1>

<p>My first paragraph.</p>

</body>
</html>
```

HTML

Demo Time

CSS

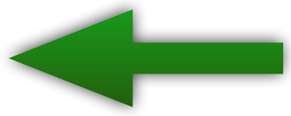
- Cascading Style Sheet
- The styling of the web
- Powerful
- Gets complicated quickly

CSS

```
<!DOCTYPE html>
<html>
<head>
<style>
p {
    color: red;
}
</style>
</head>
<body>

<p>Every paragraph will be affected by the style.</p>

</body>
</html>
```



Every paragraph will be affected by the style.

Demo Time

JavaScript

- No relation to Java
- "Programming" for the web
- Increasing powerful technology

JavaScript

```
<!DOCTYPE html>
<html>
<body>

<h1>What Can JavaScript Do?</h1>

<p id="demo">JavaScript can change HTML content.</p>

<button type="button"
onclick='document.getElementById("demo").innerHTML =
"Hello JavaScript!"'>Click Me!</button>

</body>
</html>
```

JavaScript

What Can JavaScript Do?

JavaScript can change HTML content.

Click Me!

JavaScript

Implementation