



Websites!

with Grady



Websites are SUPER useful!

They can be used for...

- Google
- Youtube
- Spotify
- KhanAcademy
- ..and more!

What are websites made out of?

- Code!
 - HTML
 - CSS
 - JavaScript

HTML

- The STUFF
 - What your site SAYS and HAS
 - Headers, paragraphs, images, etc.
 - Each of these things is called an ELEMENT
 - Elements are represented by TAGS

HTML is all about tags!

<body> - where all of your stuff will go!

<h1> - the largest header possible

<h2> - slightly smaller header

<p> - paragraph (normal sized text)

<i> - italic text

**** - image

<a> - anchor (a link)

**** - bold text

<div> - division (an area of content)

<head> - header (basically a type of div)

**** - ordered list (1, 2, 3)

**** - unordered list

<hr> - horizontal rule (a line)

<title> - the name in the tab

Our first website

Open this program:



Our first website

```
<!DOCTYPE html>
```

```
<html>
```

```
  <h1>Hello world!</h1>
```

```
</html>
```

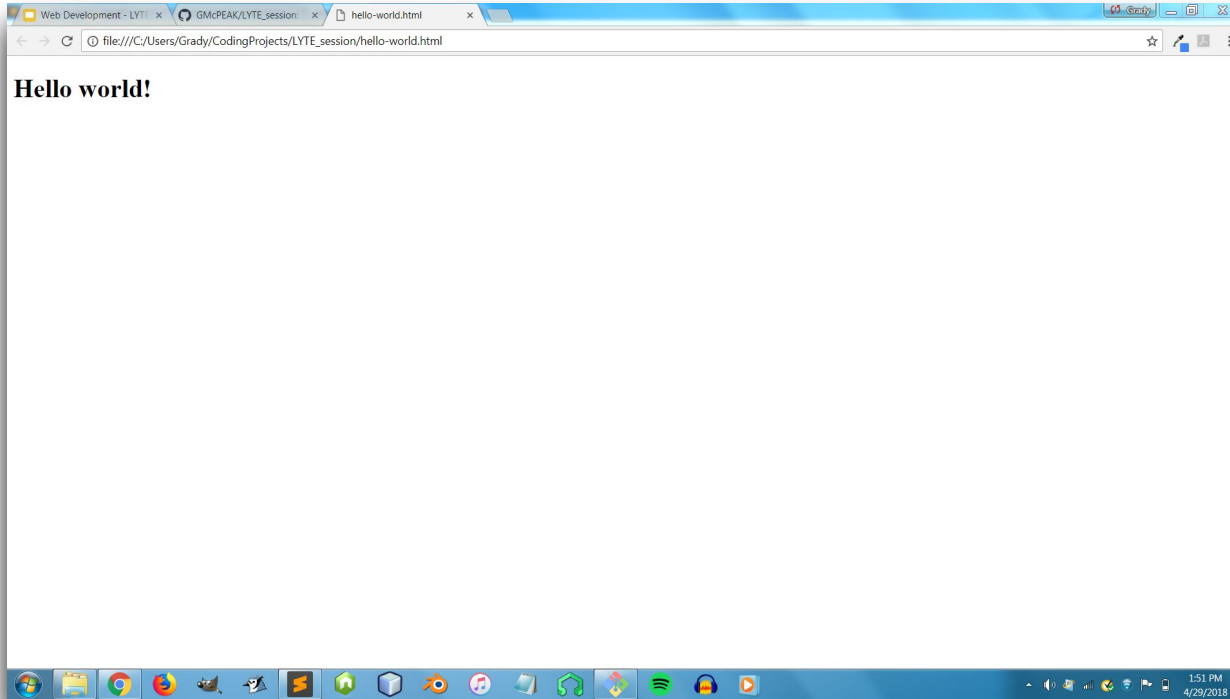
Our first website

Opening the site:

1. Right-click on the file.
2. Click on **Open with**
3. Click on **Google Chrome** (or another browser of your choice)

Our first website

Should look like this:

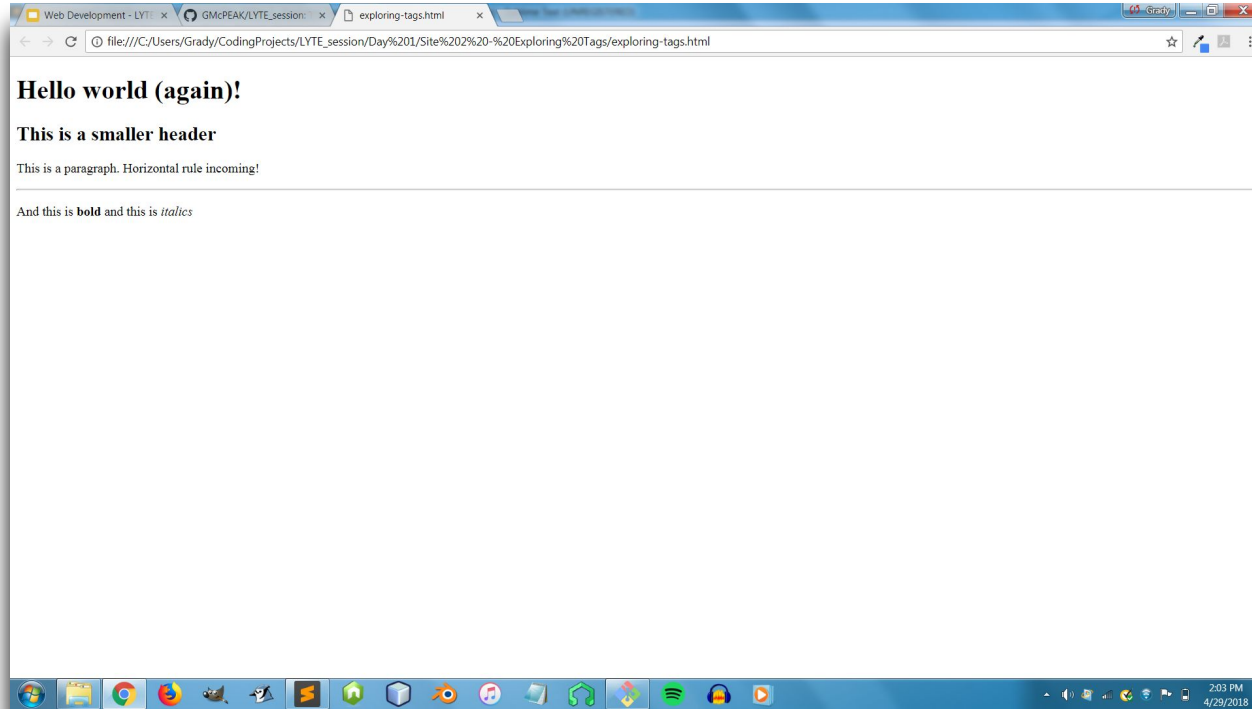


Our second website

```
<!DOCTYPE html>
<html>
  <div>
    <h1>Hello world (again)! </h1>
    <h2>This is a smaller header</h2>
  </div>
  <div>
    <p>This is a paragraph. Horizontal rule incoming! </p>
    <hr>
    <p>And this is <b>bold</b> and this is <i>italics</i></p>
  </div>
</html>
```

Our second website

Should look like this:



<a> +

How to do a link:

Use an **attribute** called **href**, and **src**

Here's an example:

```
<a href="https://www.google.com/">Google</a>
```

And another...

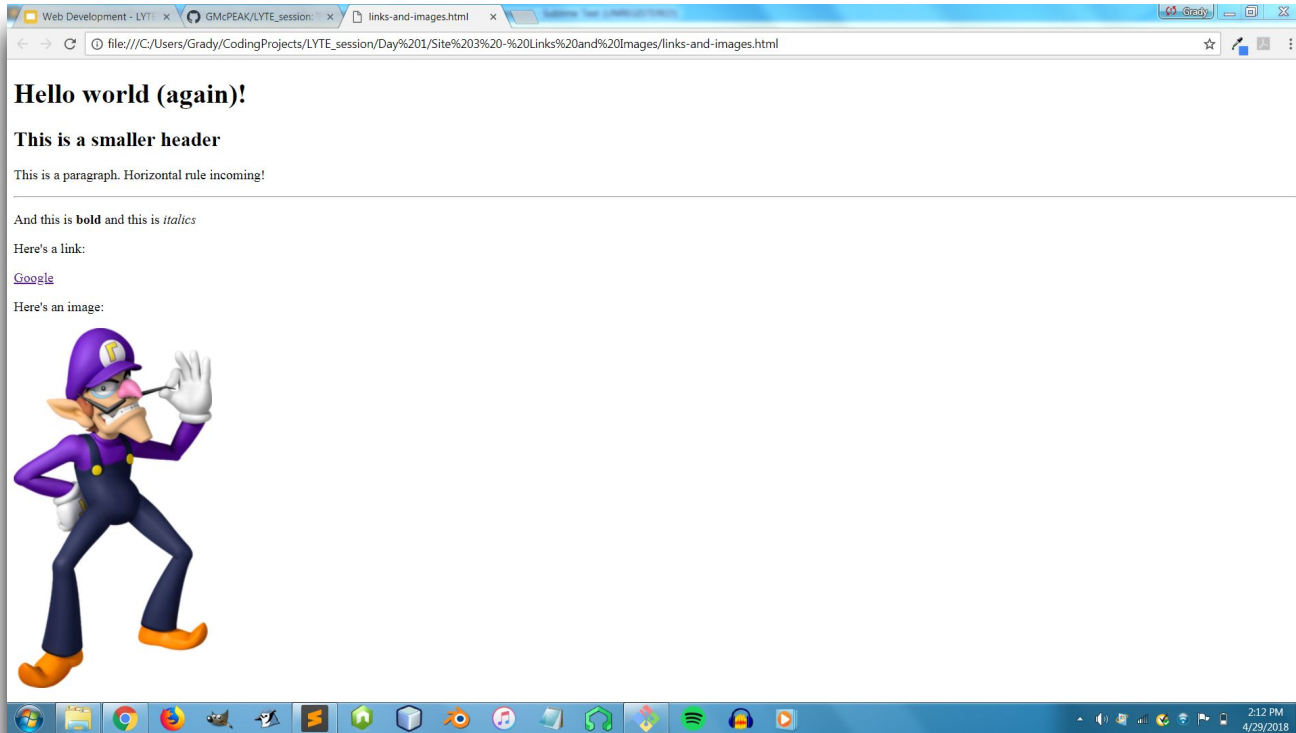
```
<img src = "https://upload.wikimedia.org/wikipedia/en/4/46/Waluigi.png"></img>
```

Our third website

```
<!DOCTYPE html>
<html>
  <div>
    <h1>Hello world (again)!</h1>
    <h2>This is a smaller header</h2>
  </div>
  <div>
    <p>This is a paragraph. Horizontal rule incoming!</p>
    <hr>
    <p>And this is <b>bold</b> and this is <i>italics</i></p>
  </div>
  <div>
    <p>Here's a link:</p>
    <a href="https://www.google.com/">Google</a>
  </div>
  <div>
    <p>Here's an image:</p>
    <img src = "https://upload.wikimedia.org/wikipedia/en/4/46/Waluigi.png"></img>
  </div>
</html>
```

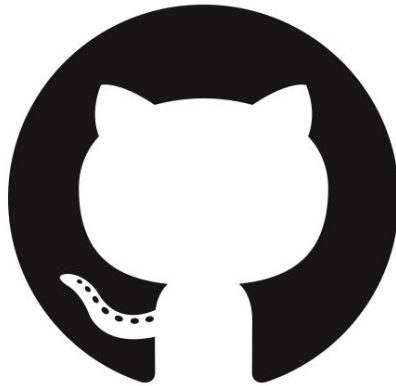
Our third website

Should look like this:



Resources

All webpages, slide shows, and images from these lessons can be found on a website called **GitHub**.



You can find all this stuff at <https://github.com/GMcPEAK/LYTE-Lessons>