

Intro to HTML/CSS

{coding&&community}

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WHAT MAKES A WEBSITE?



WHAT IS HTML?

- **HTML** (HyperText Markup Language) is a language used to create webpages.
- An **HTML** file is a text file containing tags that tell the Web browser *HOW* to display the page.

A simple HTML document:

```
<!DOCTYPE html>
<html>
  <head>
    <title> My Page Title </title>
  </head>

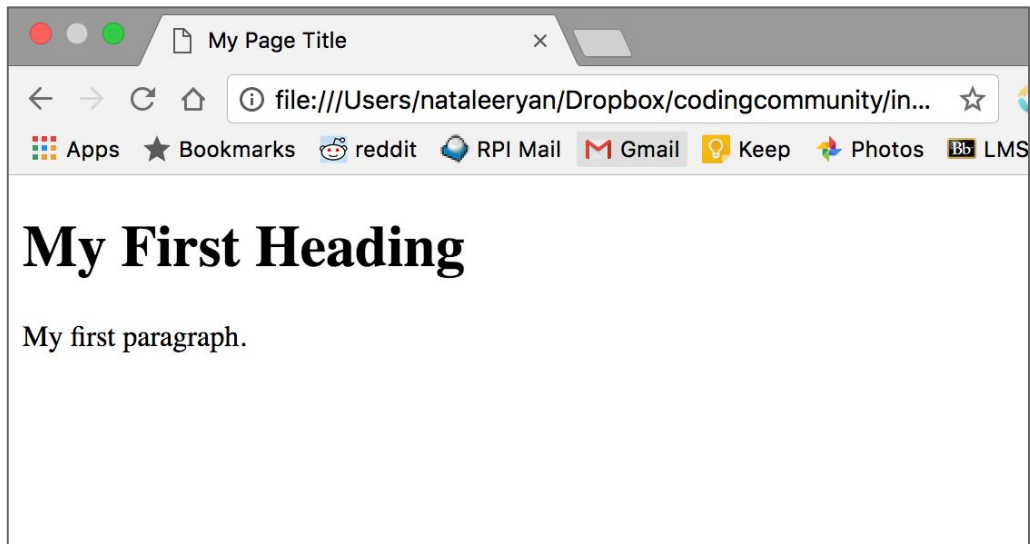
  <body>
    <h1> My First Heading </h1>
    <p> My first paragraph. </p>
  </body>
</html>
```

How It'll Look:

```
<!DOCTYPE html>
<html>
<head>
  <title> My Page Title </title>
</head>

<body>
  <h1> My First Heading </h1>
  <p> My first paragraph. </p>
</body>

</html>
```



HTML Visualization of the Page Structure

<html>

<head>

<title>Page title</title>

</head>

<body>

<h1>This is a heading</h1>

<p>This is a paragraph.</p>

<p>This is another paragraph.</p>

</body>

</html>



WHAT EXACTLY IS A TAG?

They are hidden keywords that tell your web browser how to format & display your content.

- Most tags have **2** parts: an opening tag and a closing tag.

-

Example:

- **<head>** is the beginning and **</head>** ends the header (or closes it)

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ADDING YOUR CONTENT



ADDING BASIC TEXT

- As stated before, you can simply put your text in paragraph tags and it'll show up, but having only text isn't fun.

`<p> TEXT THAT WILL SHOW UP ON YOUR SITE! </p>`



SO LET'S LINK STUFF!

HTML links are defined with the `<a>` tag:

```
<a href="https://www.instagram.com/natalee.ae/?hl=en">This is a link </a>
```

The link destination is specified in the **href attribute**.



AND LET'S PUT SOME IMAGES!

HTML images are defined with the **** tag:

```

```

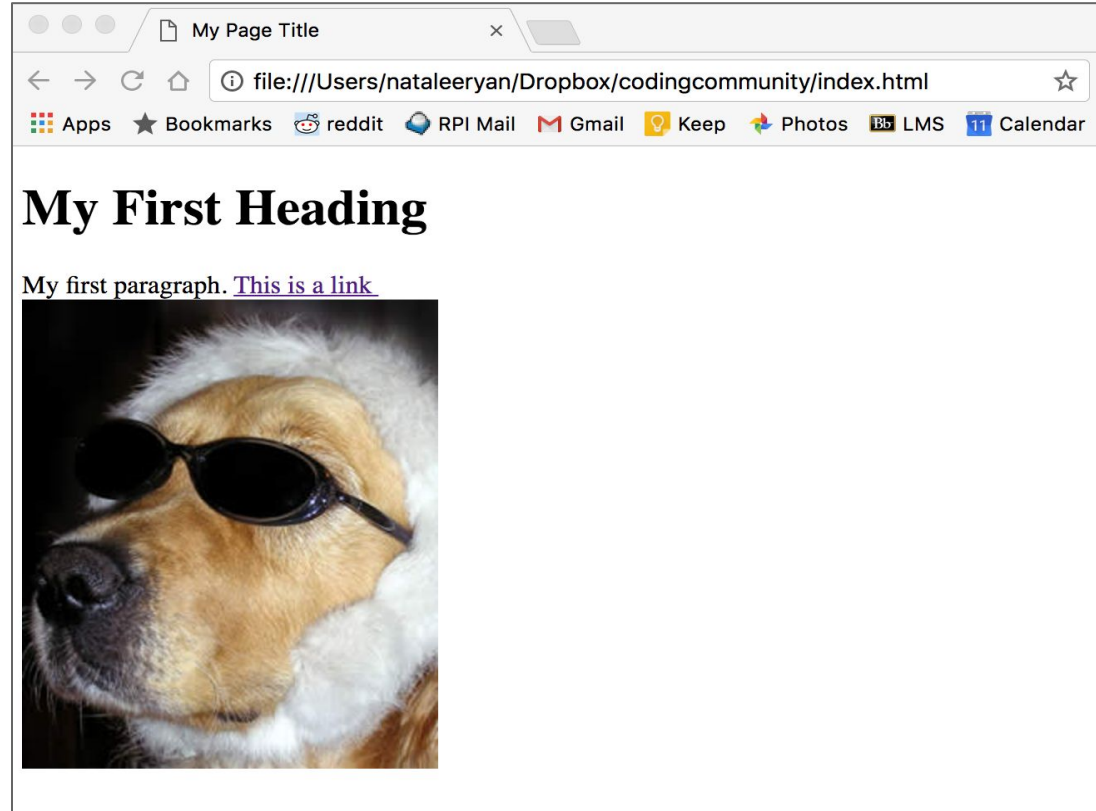
The source file (**src**), alternative text (**alt**) (the text that will show if the picture doesn't show up), width and height can all be in the tag.

goo.gl/KzK2pT

```

```

WHAT THIS CODE WILL LOOK LIKE:



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STYLING YOUR WEBSITE



HTML STYLING

Setting the style of an HTML element can be done with the **style** attribute.

The style attribute looks like this:

- `<tagname style="property: value;">`

The property and value come from CSS.



HTML BACKGROUND COLOR

The **background-color** property defines the background color for an HTML element.

```
<body style="background-color: powderblue;">  
  <h1> This is my heading </h1>  
  <p> This is a paragraph. </p>  
</body>
```



HTML TEXT COLOR

The **color** property defines the text color for an HTML element.

```
<h1 style="color: blue;"> This is my heading </h1>
```

```
<p style="color: red;"> This is a paragraph. </p>
```

My First Heading

My first paragraph. [This is a link](#)





HTML FONTS!

The **font-family** property defines the font you want to use for an HTML element.

```
<h1 style="font-family: verdana"> This is my heading </h1>
```

```
<p style="font-family: courier;"> This is a paragraph. </p>
```

My First Heading

My first paragraph. [This is a link](#)





HTML Text Size

The **font-size** property defines the text size you want to use for an HTML element.

You can use percentages or pixel-size.

```
<h1 style="font-size: 300%"> This is my heading </h1>
```

```
<p style="font-size: 24px;"> This is a paragraph. </p>
```



HTML Text Alignment

The **text-align** property defines the HORIZONTAL placement of your HTML content.

```
<h1 style="text-align: center;"> Centered heading </h1>
```

```
<p style="text-align: right;"> This is a paragraph. </p>
```





Other HTML Text Formatting

` Bold Text `

`<i> Italic Text </i>`

`<mark> Marked Text </mark>`

`<small> Small Text </small>`

` Deleted Text`

`<ins> Underlined </ins> Text`

Bold Text

Italic Text

Marked Text

Small Text

~~Deleted Text~~

Underlined Text



Make a GitHub

GitHub



What is GitHub?

- ▷ It is an online code 'repository', and a tool that is used to support teams working on large projects.
 - ▷ It is a professional tool that you will get to use over the course of our program.
-
- Go to: <https://github.com/>