

HTML and CSS

Overview

HTML is a markup language that has been used since the beginning of the web, this language is used to create websites that we see everyday such as facebook, tumblr, and twitter. Knowing the basics of html and css is important because advanced languages such as Javascripts requires you to have knowledge on html before beginning. In fact, without basic html and css knowledge there will not be any websites that will be sleek and modern.

Objectives

The objective is to the basics of creating a website and how to style it properly

Goals

- After completing this course you will be able to:
- Know the important tags that are required in html
- Learn how Cascading Style Sheets works
- Use html effectively when creating a website

Steps:

1. Open sublime or text editor
2. begin with the tag `<!DOCTYPE html>` and then `<HTML>` to open the html for the rest of the page
3. Save the page as index. html
4. In the text editor, under the `<!DOCTYPE html>`, type the following tags
 - a. `<head>`
`<title>Untitled</title>`
`</head>`
`<body>`
`</body>`
`</html>`

b. It should look like this:

i. `<!DOCTYPE HTML>`
`<html>`
`<head>`
`<meta charset="utf-8">`
`<title>World</title>`
`<link rel="stylesheet" href="style.css">`
`</head>`
`<body>`
`</body>`
`</html>`

***Href="style.css" is the CSS that the html will reference to style the page**

5. Open a new file and save it as style. css. this will be used later for making the web page stylish
6. Back in the html document, under title, put your name and or what the title of the website should be
7. Next, in the body tag, we will make a paragraph line that will be blue.
8. In the html document, inside of the body, create a `<p></p>`

a. For example

```
<!DOCTYPE HTML>
<html>
<head>
<meta charset="utf-8">
<title>World</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
<p>Hello World</p>
</body>
</html>
```

In the css file, we would to color this text so that image will turn blue

There a another way to do this that and that is by inline txt

ex. `<p style="color:blue"> Hello World</p>`

1. the `<p>` tag is inside the body give the tag some color by
 - going in to the css
 - `type.body {}`, this is body format and is how you will be able to change color
 - Next inside the bracket add `"color:blue;"`
 - it should look like this:

```
body{
color:blue;
}
```

Locate both files (please make sure you have them together in the same location)

Open your index file and view what you have made in HTML & CSS

This is the first step into creating something awesome.

HTML & CSS Important Tips

- Always have closing tags in both html and css
- Understand that no one can not all the tags, it is ok to research tags and ask for assistant on website development blogs.
- Be patient, websites can be drastically altered with a missing semicolon and the problem can be placed in a row past 300
- Keep your css and html very neat. Organization is key in making a website