

GD50 Web Design

Welcome

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What is HTML?

- HTML is made up of HTML tags
- HTML is the content of the Website.
- The structure and information of any website is HTML.



HTML

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

<body>

  <h1>My First Heading</h1>

  <p>My first paragraph.</p>

</body>

</html>
```



HTML

- **HTML element** is defined by a starting tag. If the element contains other content, it ends with a closing tag, where the element name is preceded by a forward slash as shown below with few tags.
- **An attribute** is used to define the characteristics of an HTML element and is placed inside the element's opening tag. All attributes are made up of two parts: a **name** and a **value**



HTML element

- `<tagname> content </tagname>`
- *All tags need an opening & closing tag*
- `<p> This is a paragraph tag </p>`



HTML attribute

`This is a link`

`<a>` is the tag for a link

`href=` is the **ATTRIBUTE** that specifies the address of the link

``

`` is the tag for an image

`src` is the **ATTRIBUTE** that specifies which image



HTML

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

<h1>This is heading 1</h1>
<h2>This is heading 2</h2>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
<h5>This is heading 5</h5>
<h6>This is heading 6</h6>

</body>
</html>
```

This is heading 1

This is heading 2

This is heading 3

This is heading 4

This is heading 5

This is heading 6

HTML & CSS

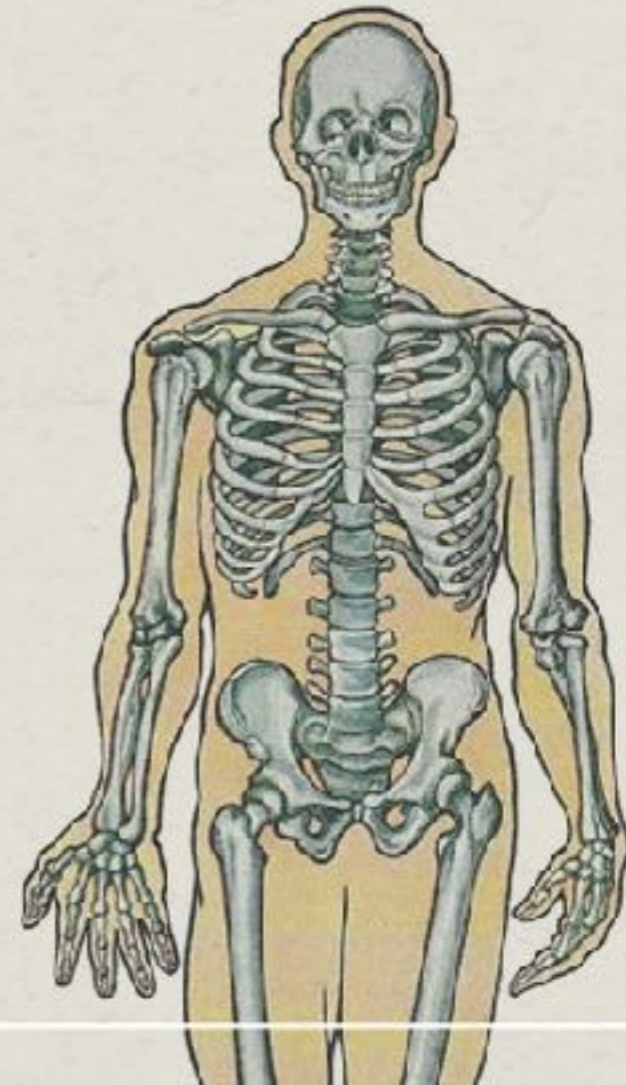
- If a website was a house the HTML would be the solid load bearing structure.
- The CSS would be the color of the door and how the house looked.
- Editing the CSS is like painting a wall.
- Editing the HTML is like changing the layout of the rooms in the house.



HTML & CSS

HTML & CSS: THE BUILDING BLOCKS OF THE WEB

One Month



<https://onemonth.com/learn/html>

What is CSS?

- CSS defines how HTML elements are to be displayed (What the site looks like.)
- Stands for Cascading Style Sheet



What is CSS?

Selector

h1

Declaration

Declaration

```
{color:blue; font-size:12px;}
```

Property

Value

Property

Value



What is CSS?

- Selectors `p{ }`
- ID Selector `#first{ }`
- Class Selectors `.center{ }`
- `p.center{ }`

```
3
4 body{
5     background: aqua;
6 }
7
8 /** Navigation **/
9 |
10 nav{
11     width: 100%;
12     z-index: 100;
13     list-style:none;
14     margin:0;
15     height: auto;
16     text-align: center;
17     background: #f7f7f7;
18     color: #606060;
19 }
20
```

What is CSS?

Inserting CSS

- External style sheet
- Internal style sheet
- Inline style

```
<head>  
<link rel="stylesheet" type="text/css" href="mystyle.css">  
</head>
```

- Try to always use External