HTML Content

HTML Tags

Class vs ID

Input Fields

Default Tags

Tag	Description	
< h1 > < h6 >	Headers [1 = largest, 6 = smallest]	
	Paragraph of Text	
< a >	Link Webpage	
< img >	Image/Graphic	
< video >	Video	
< br >	Line Break	

More References: https://www.w3schools.com/tags/ref_byfunc.asp

Lecture 03 | HTML Content

```
index.html
     <!DOCTYPE html>
     <html>
    <head>
         <meta charset="utf-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <title>Give Me A Title!</title>
         <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="stylesheet" type="text/css" href="style.css">
         <link rel="icon" href="cool_icon.png">
    </head>
11
12
          My Very First Website! 
13
14
15
    </body>
     </html>
17
```

source | html starter.html

HTML comes in Tag:Content pairs

```
< tag content="content" >
< tag > content </ tag >
```

The type of tag dictates what form it is

Tag	Туре	Description
< h1 > < h6 >	2	Headers [1 = smallest, 6 = largest]
	2	Paragraph of Text
< a >	2	Link Webpage
< img >	1	Image/Graphic
< video >	1	Video
< br >	1	Line Break

HTML comes in Tag:Content pairs

```
< tag content="content" >
< tag > content </ tag >
```

The type of tag dictates what form it is

Type 1 Tag Example

Type 2 Tag Example

PHP => Programmers Hate PHP

What type is this?

 My Favorite Website

Type 2!

<a> My Favorite Website

Loading Images

Locally

Online

*If the server hosting the image goes down, then your website won't be able to display it.

Div Elements

A div is a null object that can be populated with any other tags.

Selecting the class intro will select all the tags inside the div as well.

We will see other useful features of divs later in the course.

HTML Tags

Class vs ID

Input Fields

A class in CSS is defined as

```
.class {
    property: value;
}
```

An ID in CSS is defined as

```
#id-name {
    property: value;
}
```

We will go over this in more detail in the CSS lecture.

Say we define the following in style.css

```
.classy-text {
    color: orange;
}

#id-text {
    color: red;
}
```

What is displayed as a result of the following in index.html?

```
 I've got class 
 I've got no class 
 I've also got class
```

What is displayed as a result of the following in index.html?

```
 I've got class 
 I've got no class 
 I've also got class
```

I've got class

I've got no class

I've also got class

Say we define the following in style.css

```
.classy-text {
    color: orange;
}

.italic-text {
    color: italic;
}
```

What is displayed as a result of the following in index.html?

```
 I've got multiple classes
```

What is displayed as a result of the following in index.html?

I've got multiple classes

I've got class

Say we define the following in style.css

```
.classy-text {
    color: green;
}

.classier-text {
    color: red;
}
```

What color will the following element be? The most recent declaration.

```
 I've got multiple classes
```

Say we define the following in style.css

```
#classy-id {
    color: green;
}

#classier-id {
    color: red;
}
```

What color will the following element be? Neither. Elements with multiple IDs are undefined.

```
 I'm a bad example
```

Classes are useful when you want to stack properties on an element

```
 I work fine!
```

IDs are useful when you want unique properties for a group of elements

I only need one ID!

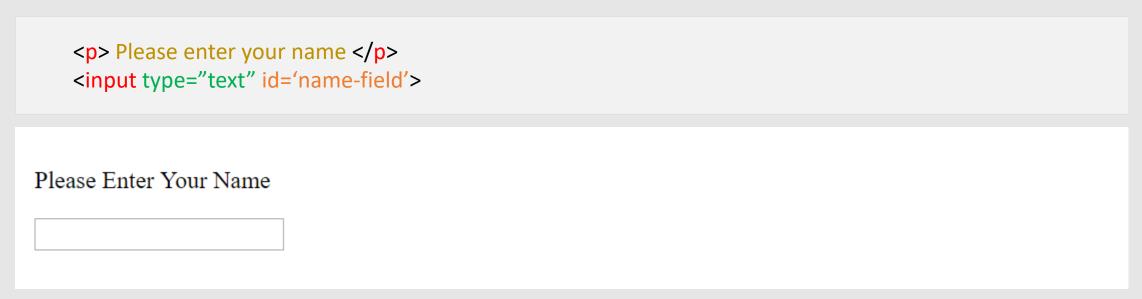
• HTML Tags

Class vs ID

Input Fields

Input Fields

HTML has specific input tags to handle entry fields



We will learn later how to use JQuery to parse the input

Input Fields

Input fields can take one of multiple forms

```
<input type="button">
<input type="checkbox">
<input type="color">
<input type="date">
<input type="email">
<input type="email">
<input type="fileupload">
<input type="password">
<input type="reset">
<input type="reset">
<input type="submit">
<input type="submit">
<input type="submit">
<input type="arrive type="url">
</input type="url">
```

And many more...

See https://www.w3schools.com/tags/tag_input.asp

Homework Ideas

☐ Place icon image introducing self onto site.

☐ Have a paragraph describing yourself near the image introduction.

☐ Any further introductions or galleries of images include around it.

If you ever get stuck on what to write, fill it with Lorem Ipsum text and come back to it.

Live Demo

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