

Teaching Kids: Basic HTML Part 1

Everyone Eats Lunch

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hardcore dev and IT training

Everyone Eats Lunch

- **Web Developers Know HTML**
- **Why Would I Want to Learn HTML?**
 - Great stepping stone to learn other programming languages
 - Make a web site
 - Write reviews of movies or books you have watched or read, things you have learned at school, crafts or lego projects you have been working on, etc.
 - Impress your friends

What is HTML?



Known as HyperText Markup Language, HTML is a set of pre-defined elements or tags that tell a browser what content to display and how to display that content

What Does That Mean?



Blank
Text File

```
<!DOCTYPE html>
<html>
  <head>
    <title>Welcome To My Site</title>
  </head>
  <body>
    <p>Hello World!</p>
  </body>
</html>
```

Add
HTML Tags

Hello World!

Display in
Browser

What is a Tag?

Used by the browser to know how to display
content on the screen

Sometimes referred to as an element

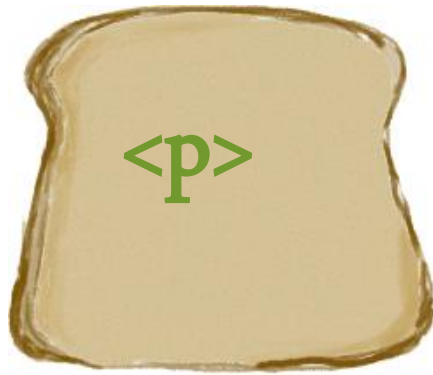
Here is an example of what a tag look likes

```
<h1>Hello World!</h1>
```

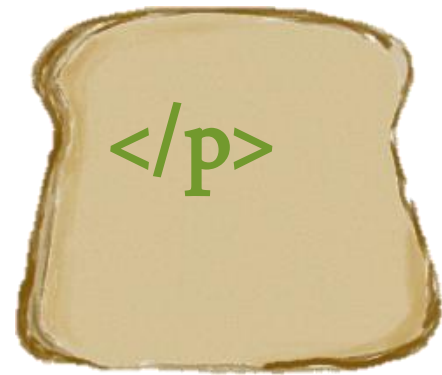
Hello World!

Putting a Tag Together

Putting a Tag Together



Welcome!



DEMO - Tag

Lettuce On My Sandwich

- **Add Mustard, Mayonnaise, Lettuce, Tomato to Your Sandwich**
- **Attributes Can Be Added To Tags**
- **Attributes Are Not The Same For Each Tag**

What is an Attribute?

Additional values that can configure a tag

Additional values that can adjust the behavior of the tag

Here is an example of what a tag looks like with an attribute added

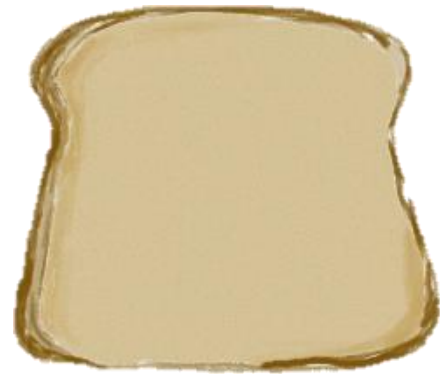
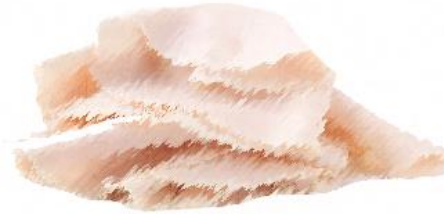
```
<button id="SubmitSandwich" class="btn">  
    Add Sandwich  
</button>
```

Add Sandwich

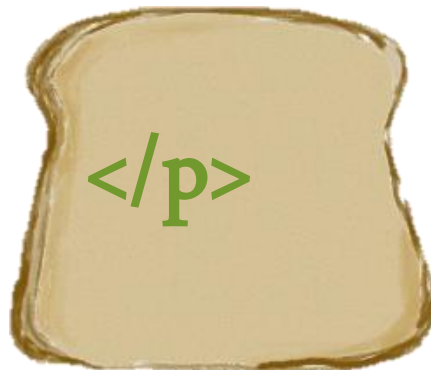
Adding Attributes



Adding Attributes



Adding Attributes



Global Attributes

id	<ul style="list-style-type: none">• JavaScript• Cascading Style Sheets (CSS)
class	<ul style="list-style-type: none">• Cascading Style Sheets (CSS)• JavaScript
style	<ul style="list-style-type: none">• Inline CSS• Should be avoided if possible
title	<ul style="list-style-type: none">• Used as an identifier or tooltip

DEMO - Attribute

Summary

- HTML
- Tags
- Attributes