

HyperText Markup Language

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Scaffolding the Site

Summary Session 1

- Client-Server Model
- Github Repositories, version control and saving progress
- Sublime to write code
- Shell commands, (quickly) create directories and files

HTML

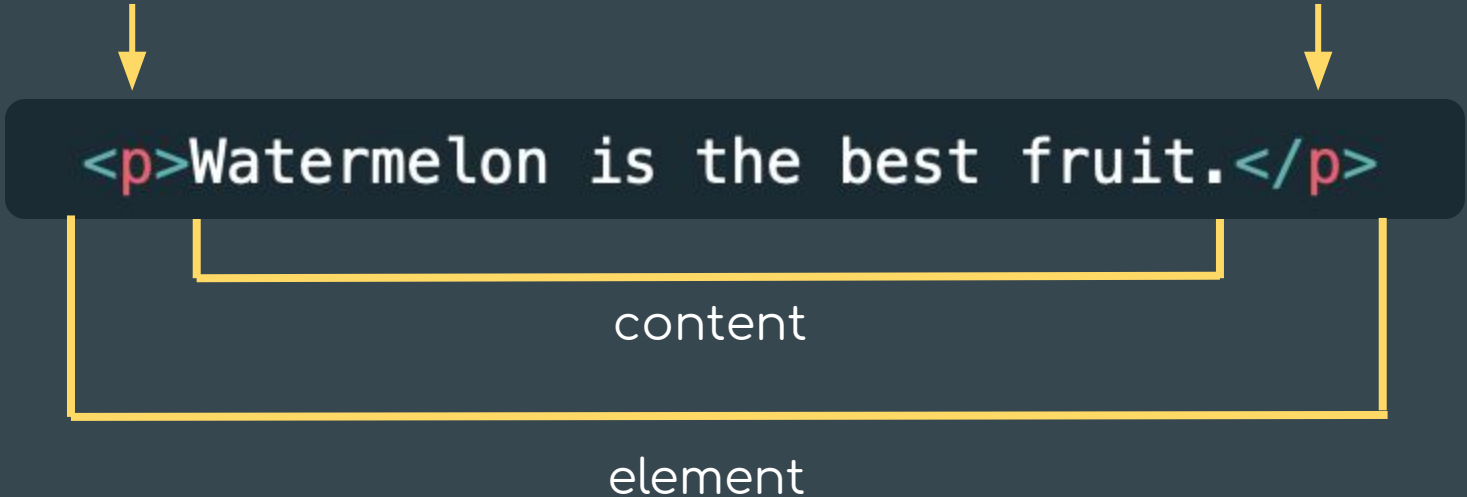
- HyperText Markup Language
- Defines a website's structure and content

```
1  <html>
2      <head>
3          <title>My Page!</title>
4      </head>
5      <body>
6          My content!
7      </body>
8  </html>
9
10
```

HTML – elements

opening tag

closing tag



The diagram illustrates the structure of an HTML element. A dark blue rounded rectangle contains the text `<p>Watermelon is the best fruit.</p>`. Above the rectangle, the text "opening tag" has a yellow arrow pointing to the `<p>` part, and the text "closing tag" has a yellow arrow pointing to the `</p>` part. Below the rectangle, a yellow bracket spans the entire width of the rectangle, with the label "element" centered below it. A second, shorter yellow bracket is positioned inside the first one, spanning from the start of "Watermelon" to the end of "fruit.", with the label "content" centered below it.

```
<p>Watermelon is the best fruit.</p>
```

content

element

HTML – attributes

```
<p id="watermelon1" class="watermelon-text" >  
    Watermelon is the best fruit.  
</p>
```

```
<a href="https://en.wikipedia.org/wiki/Watermelon">  
    Learn more about watermelons.  
</a>
```

HTML – nesting

- elements are containers
- parent elements need to fully contain children



```
<p>Watermelon is the <strong>best</strong> fruit.</p>
```

```
<p>Watermelon is the <strong>best fruit.</p> </strong>
```

HTML – nesting

- elements are containers
- parent elements need to fully contain children



`<p>Watermelon is the best fruit.</p>`



`<p>Watermelon is the best fruit.</p> `



HTML – minimal file

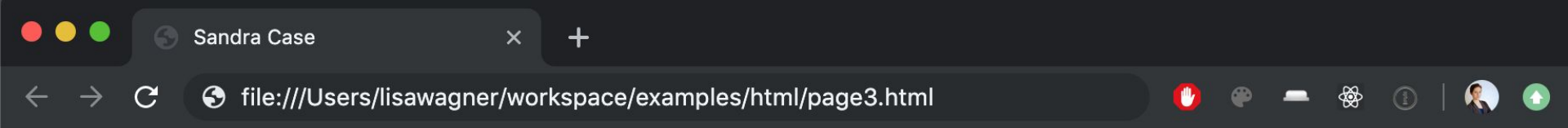
```
<!-- declare HTML version -->
<!DOCTYPE html>

<!-- root element with language attribute-->
<html lang="en">

  <!-- page meta information -->
  <head>
    <title>title</title>
  </head>

  <body>
    <!-- page content -->
  </body>

</html>
```

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I'm a freelance Sound Engineer based in Brooklyn, New York. I design, record, edit and mix audio for projects ranging from film, commercials and documentaries to lectures, audio books, and dialog for educational platforms.
Whatever audible vision you have, let's realize it together!

[Instagram](#) [SoundCloud](#) [LinkedIn](#)

Cascading Style Sheets

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Glow Up

Languages

- HTML
- CSS
 - Cascading Style Sheets
- Defines a website's fonts, style and layout

```
1 ▼ title{  
2     font-size: 28px;  
3     color: turquoise;  
4 }  
5  
6 ▼ body{  
7     font-size: 16px;  
8     color: black;  
9 }  
10
```

CSS – reference

- CSS files need to be linked in the HTML <head/>

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

CSS – selectors

```
/* style by element */  
div {}
```

```
/* style by id */  
#watermelon{}
```

```
/* style by class */  
.watermelon{}
```

```
/* list of selectors */  
h1, h2, h3{}
```

CSS – properties & values

```
/* style by element */
div {
    /* size by viewport dimensions */
    width: 100vw;
    height: 100vh;
}

/* style by id */
#watermelon{
    font-size: 16px;
}

/* style by class */
.watermelon{
    background-color: green;
}

/* list of selectors */
h1, h2, h3{
    /* whitespace around an element */
    margin: 5px;
}
```

?