

Web Development Club: Week 04

Review Week and Guided Practice

Last Week Recap

Last week we learned: HTML Elements, Attributes, and CSS Properties

Attributes: Provide additional information about an element

- Defined in start tag: `<tag name="value">Content</tag>`
 - href, src, width and height, alt, title, style

<div> element and class attribute:

- Define sections of your website and their class, which you can apply CSS to

Common CSS Properties:

- background-image, border, font-family

What we're doing today

01

Lesson 3 Recap

Review of Elements,
Attributes, and Properties

02

HTML Practice

Guided review of HTML
elements and examples

03

CSS Practice

Guided review of CSS
Properties and examples

04

Independent Practice

The remaining time will be
used for non-guided practice

HTML Document Skeleton

Define your HTML Document and it's body:

```
<!DOCTYPE html>
<html>
  <body>
    <h1>Example Header</h1>
    <p>Example Paragraph</p>
  </body>
</html>
```

You don't have to define a header or paragraph yet if you want, but this shows how you would define them

Defining HTML Elements

`<h1>` and `<p>` in the last slide were examples of what you could define in your HTML Document, but of course we can do more than just this

- the `<div></div>` tag defines a specific section in your HTML
 - you can define headers, text, links, and anything you'd like within this section, even more `<div>` sections
 - This applies to all elements

```
<div class="firstsection">
```

```
  <h1>Here is a title</h1>
```

```
  <p>Here is text with a <a href="https://www.google.com">link</a>  
within it</p>
```

```
  <p>Here is more text</p>
```

```
</div>
```

Defining HTML Elements

You can define as many sections as you want, and use element-nesting accordingly, for example:

```
<div class="imagesection">  
    
  <p>caption: a picture of sunflowers</p>  
</div>
```

CSS Property Practice

You can use CSS to change the style aspects of these sections you have just defined:

```
<style>
body {
    background-color: gray;
    font-family: courier new,sans-serif;
}
```

CSS Property Practice Cont.

```
.firstsection {  
    margin-left: auto;  
    margin-right: auto;  
    margin-top: 10%;  
    padding: 20px;  
    border: 3px dashed black;  
    background-color: lightgray;  
    max-width: 70%;  
}  
p {  
    text-align: center;  
    font-size: 18px;  
}
```


CSS Property Practice Cont.

```
h1 {  
    text-align: center;  
    font-size: 30px;  
    color: red;  
}  
a {  
    color: red;  
    text-decoration: none;  
    font-weight: bold;  
}
```

CSS Property Practice Cont.

```
.imagesection {  
    padding: 20px;  
    border: 2px solid red;  
    margin-top: 20px;  
    margin-bottom: 10%;  
    background-color: #ffeaea;  
    max-width: 70%;  
    margin-left: auto;  
    margin-right: auto;  
}
```

CSS Property Practice Cont.

```
img {  
  border-radius: 30%;  
  border: 2px solid black;  
  width: 500px;  
  margin-left: auto;  
  margin-right: auto;  
  display: block;  
  margin-top: 20px;  
}  
</style>
```

You can see this exact code in action on the [/classpractice](#) page of our website:
here

Practice

Now it's your turn to practice independently, if you have any questions, feel free to ask!