Lesson   Wednesday

Introduction to Programming (/introduction-to-programming) / Git, HTML and CSS (/introduction-to-programming/git-html-and-css) / HTML Divs and Spans, and CSS Sizing Units

Text   Cheat sheet

Examples

Group elements together with similar styles using `<div>`s. For example, change this:

stuff.html

```
<h2 class="important">You better read this</h2>
<p class="important">Here are the things you really need to
know.</p>
<img class="important" src="scary.png" alt="This is what wi
ll happen if you don't read it.">
```

to this:

stuff.html

```
<div class="important">
  <h2>You better read this</h2>
  <p>Here are the things you really need to know.</p>
  <img src="scary.png" alt="This is what will happen if you
don't read it.">
</div>
```

Create in-line styles using `<span>` s:

different.html

```
<p>Something is <span class="special">different</span> in t
his sentence.</p>
```

Style `<div>` s and `<span>` s just like you would any other element, without explicitly using `div` or `span` in the selector:

styles.css

```
.important {
  color: red;
}
```

CSS Sizing Units

In the following video, we cover:

- `px` for pixels, which sets an element to a fixed size on the page.
- `%` for percentage, which sets an element to a percentage of its parent element.
- `vh` or `vw`, which sets an element to a percentage of the viewport's width or height. The **viewport** is the area of a

webpage that's visible to a user.

- `em` or `rem`. Using `em` sets the size of an HTML element relative to its parent element's font-size. Using `rem` sets the size of an HTML element relative to the root element's font-size. We won't use `em` or `rem` in the program, so further exploration is up to you.

- We'll also learn how `%`, `vh`, `vw`, `em`, and `rem` are sizing units that are **responsive**, which means they are not fixed sizes, but change based on the size of HTML elements that they are relative to.
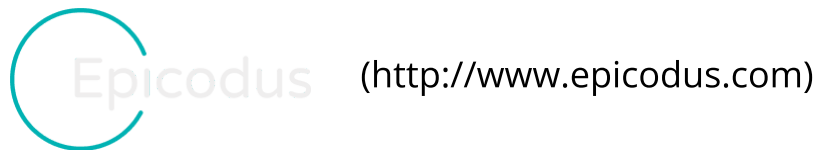
03:05

Previous (/introduction-to-programming/git-html-and-css/practice-styling-with-classes-and-ids)

Next (/introduction-to-programming/git-html-and-css/practice-html-divs-and-spans-and-css-sizing-units)

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