HTML and CSS Basics

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This Module

HTML and CSS Basics

What is HTML?

What is CSS?

Laying out pages with HTML and CSS

Before you can build dynamic websites, you'll need to understand how layout and composition works.

What is HTML?

HyperText Markup Language

Angle bracket based structure

Derived from SGML

```html
<html>
   <head>
   </head>
   <body>
     <h1>Hello World</h1>
   </body>
</html>
```

What is HTML?

Angle-Brackets != XML

Not case sensitive

Mixed closing rules

```html
<html>
  <head>
  </head>
  <body>
    <h1>Hello World</h1>
    <script>...</script>
    <img src="..." />
  </body>
</html>
```
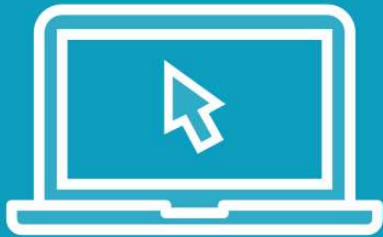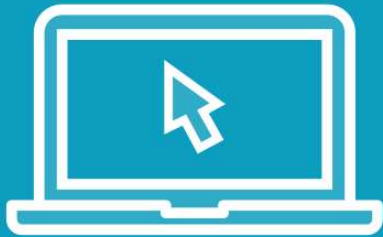
Demo

HTML Basics

Demo

HTML Forms

Cascading Style Sheets (CSS) is the design of the page. Separating structure from design is a best practice.
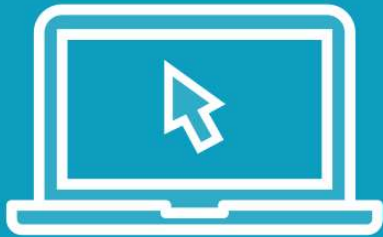
Styling in HTML

style="..."

Style Attributes
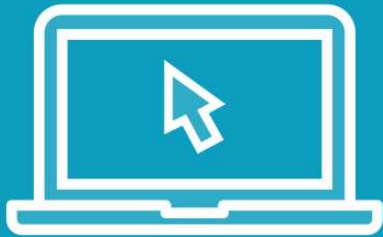

<style />

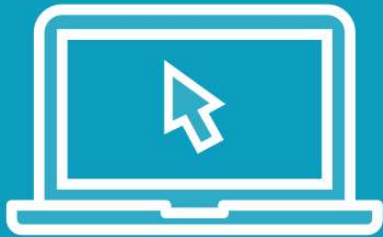Style Blocks

style.css

Stylesheets

Demo

CSS Basics

Demo

CSS Naming

Demo

CSS Classes

The Box Model

top

margin

border

padding

Content

height

width

left

right

actual-height

bottom

actual-width
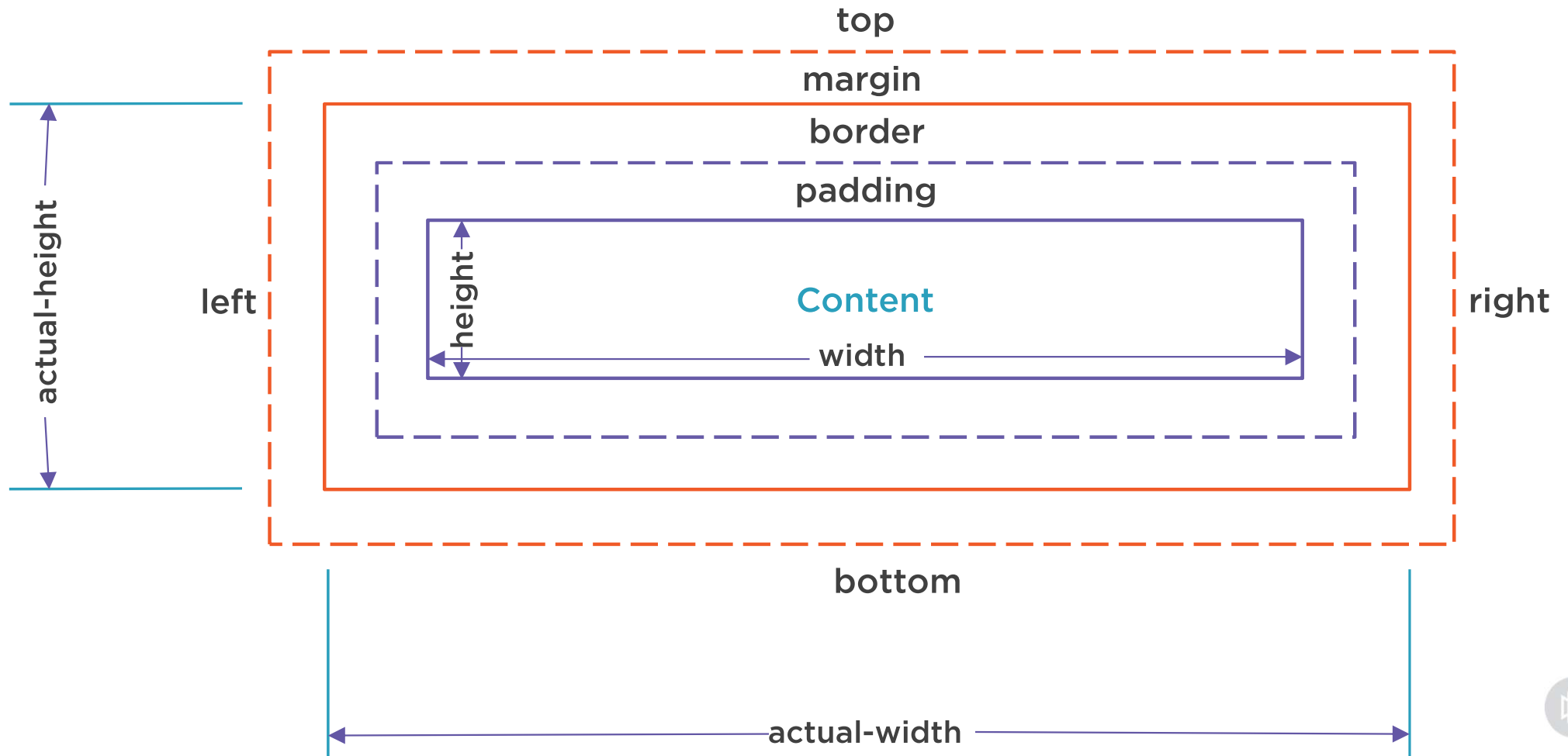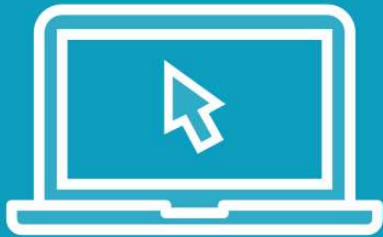
Demo

CSS Box Model

Going Deeper

Front-end Web Development Quick Start

- pluralsight.com/courses/front-end-web-app-html5-javascript-css

CSS In-Depth

- pluralsight.com/courses/css3-in-depth

What We've Learned

HTML is the structure of your page

CSS is the way to render the structure

Keeping them separate is the right way