


# CSS Code Along

 <https://github.com/learn-co-curriculum/dsc-css-code-along>  <https://github.com/learn-co-curriculum/dsc-css-code-along/issues/new/choose>

## Introduction


It's time to see some CSS code in action. [Codepen](https://codepen.io/)  <https://codepen.io/> is a great tool to easily test HTML and CSS code that you'll see in practice here.

## Objectives

You will be able to:

- Use Codepen to preview and modify HTML and CSS files
- Comment and uncomment CSS and HTML

## Code Example HTML Structure

This [Pen](https://codepen.io/curiositypaths/pen/WddzQM?editors=1100)  <https://codepen.io/curiositypaths/pen/WddzQM?editors=1100> (saved Codepen document) contains an HTML document with the following structure:

- A `<body>`  <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/body> element (root of the html content. In Codepen you will not see a body tag, it's implicitly present and wraps all the HTML content)
- An `<article>`  <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/article> tag to define our content as self-contained unit (e.g. blog post, newspaper article)
- An `<h1>`  [https://developer.mozilla.org/en-US/docs/Web/HTML/Element/Heading\\_Elements](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/Heading_Elements) tag to wrap the `<article>`'s header text
- `<p>`  <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/p> tags to wrap the `<article>`'s unstructured text
- `<ul>`  <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ul> tags to represent unordered lists
- `<li>`  <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/li> tags to wrap each list item

## Code Example CSS Structure

The [Pen](https://codepen.io/curiositypaths/pen/WddzQM?editors=1100)  <https://codepen.io/curiositypaths/pen/WddzQM?editors=1100> also includes commented-out CSS Code to:

- Set the background of the `<body>` element (whole document) to `#00b3e6` (light blue)

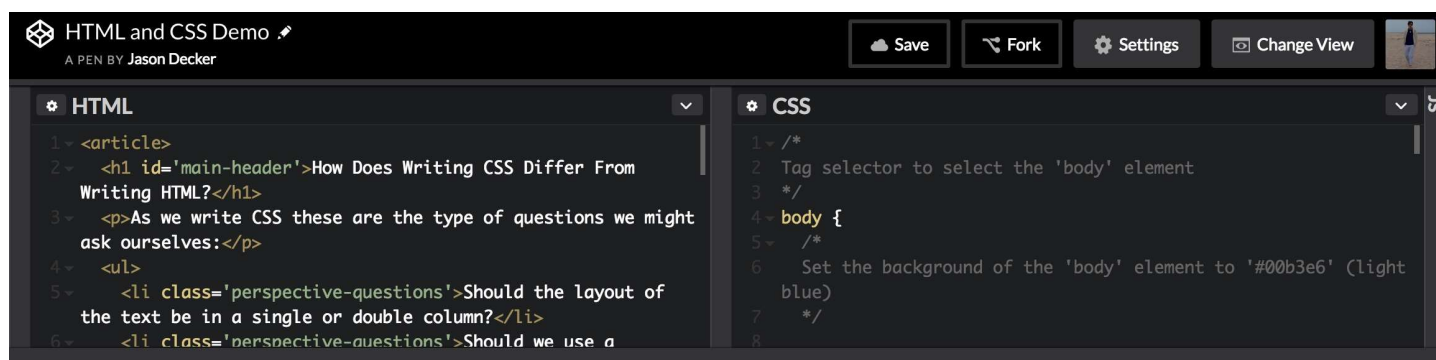
- Sets the `<article>` element width to `700px`
- Centers the `<article>` element
- Sets the font family of the `<article>` element to `Helvetica Neue`. Alternative fonts are provided in the event `Helvetica Neue` is not available on your computer
- Set the background of the `<article>` element to `white`
- Add 30px of white space to the perimeter of the `<article>`
- Set the `font-size` to `22px` for the element with `id main-header`
- Set the `font-style` to `italic` for elements containing the class `perspective-questions`

## Code Along Instructions

Open the [Pen](https://codepen.io/curiositypaths/pen/WddzQM?editors=1100)  (<https://codepen.io/curiositypaths/pen/WddzQM?editors=1100>) in a separate browser tab to follow the code along instructions.

All the CSS code you need to successfully modify the page is already included but commented out. All you need to do is uncomment all the `CSS declarations` ( `property-name : value` ) one-by-one.

## Pen Screenshot



### How Does Writing CSS Differ From Writing HTML?

As we write CSS these are the type of questions we might ask ourselves:

- Should the layout of the text be in a single or double column?
- Should we use a different font color for the header?
- How should the same content appear differently on a desktop vs. a mobile device?

All of the questions above deal with the esthetic considerations of the page. These are the concerns of the presentation layer (CSS).

As a contrast, let's consider the type of questions we might ask ourselves as we write HTML:

- Does the order of items within a list matter? Should it be a numbered list?
- Should we wrap a list of links inside a navigation tag?
- Is this the most important header in the whole HTML document?

The last few questions deal with structure, hierarchy, and meaning. These are the concerns of the content layer (HTML).

When we write CSS, we focus on esthetic and display considerations. When we write HTML, we focus on structure, hierarchy, and meaning.



## Unstyled HTML Document Screenshot

## How does writing CSS differ from writing HTML?

As we write CSS these are the type of questions we might ask ourselves:

- Should we layout the text in a single or double column?
- Should we use a different font color for the header?
- How should the very same content appear differently on a desktop vs. a mobile device?

All of the questions above deal with esthetic and function considerations. These are the perspectives of the presentational layer (CSS).

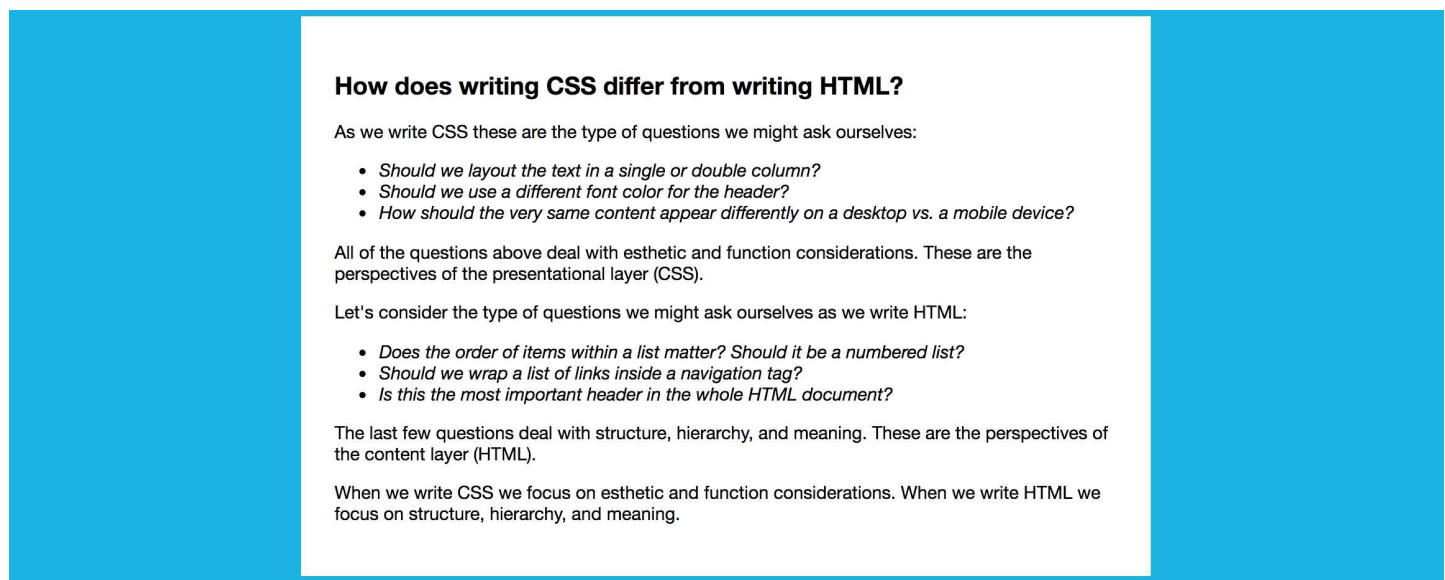
Let's consider the type of questions we might ask ourselves as we write HTML:

- Does the order of items within a list matter? Should it be a numbered list?
- Should we wrap a list of links inside a navigation tag?
- Is this the most important header in the whole HTML document?

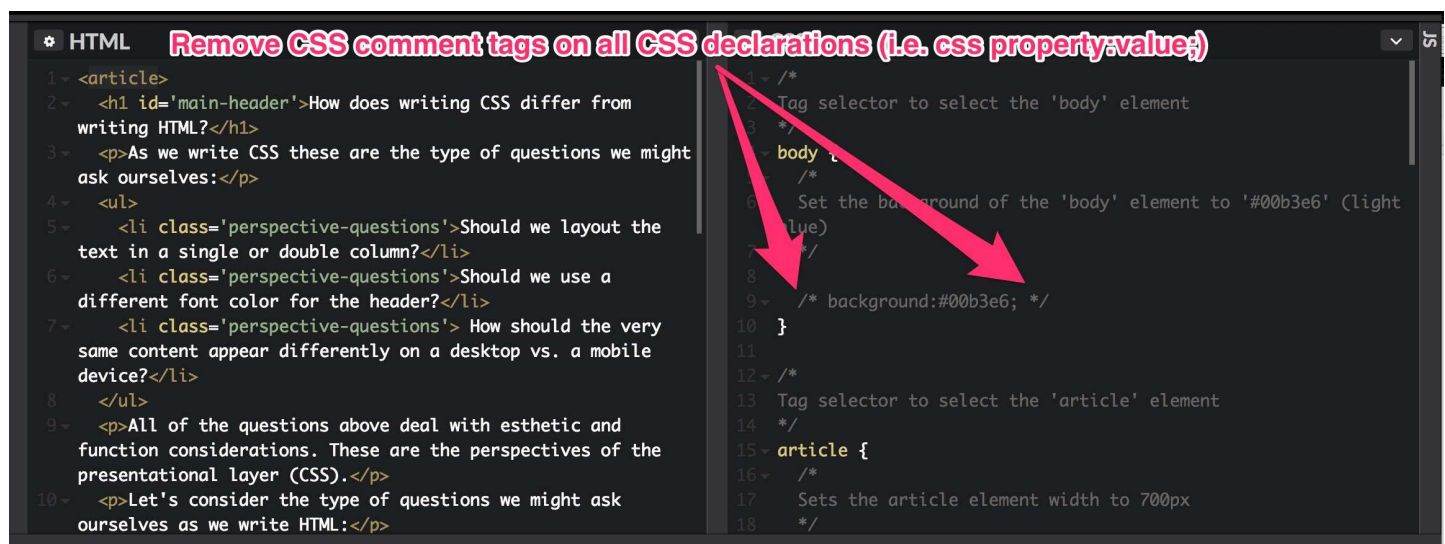
The last few questions deal with structure, hierarchy, and meaning. These are the perspectives of the content layer (HTML).

When we write CSS we focus on esthetic and function considerations. When we write HTML we focus on structure, hierarchy, and meaning.

## Styled HTML Document Screenshot



## CSS Declarations Uncommenting Steps



# Summary

Awesome! In this code along you got to preview and practice a standard web development environment and modify CSS code! Specifically, you used Codepen to modify HTML and CSS files. You also learned how commenting/uncommenting works in CSS and HTML!

How do you feel about this lesson?



Have specific feedback?

[Tell us here! \(https://github.com/learn-co-curriculum/dsc-css-code-along/issues/new/choose\)](https://github.com/learn-co-curriculum/dsc-css-code-along/issues/new/choose)