

CSS.

We cover these topic today. Practice with hand written code over min 3 times.

Note: Next 27 March HTM CSS online Test @ 11am.

CSS Combinators

https://www.w3schools.com/css/css_combinators.asp

A combinator is something that explains the relationship between the selectors.

A CSS selector can contain more than one simple selector. Between the simple selectors, we can include a combinator.

There are four different combinators in CSS:

- descendant selector (space)
- child selector (>)
- adjacent sibling selector (+)
- general sibling selector (~)

What are Pseudo-classes?

https://www.w3schools.com/css/css_pseudo_classes.asp

A pseudo-class is used to define a special state of an element.

For example, it can be used to:

- Style an element when a user mouses over it
- Style visited and unvisited links differently
- Style an element when it gets focus

What are Pseudo-Elements?

https://www.w3schools.com/css/css_pseudo_elements.asp

A CSS pseudo-element is used to style specified parts of an element.

For example, it can be used to:

- Style the first letter, or line, of an element
- Insert content before, or after, the content of an element

Syntax

The syntax of pseudo-elements:

```
selector::pseudo-element {  
  property:value;  
}
```

CSS Opacity / Transparency

https://www.w3schools.com/css/css_image_transparency.asp

The **opacity** property specifies the opacity/transparency of an element.

CSS Navigation Bar

https://www.w3schools.com/css/css_navbar.asp

Having easy-to-use navigation is important for any web site.

With CSS you can transform boring HTML menus into good-looking navigation bars.

CSS Dropdowns

https://www.w3schools.com/css/css_dropdowns.asp

Create a dropdown box that appears when the user moves the mouse over an element

Example

```
<style>
.dropdown {
  position: relative;
  display: inline-block;
}

.dropdown-content {
  display: none;
  position: absolute;
  background-color: #f9f9f9;
  min-width: 160px;
  box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
  padding: 12px 16px;
  z-index: 1;
}

.dropdown:hover .dropdown-content {
  display: block;
}
</style>

<div class="dropdown">
  <span>Mouse over me</span>
  <div class="dropdown-content">
    <p>Hello World!</p>
  </div>
</div>
```