

CSS I

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Review and Sample Code

- Some review and sample code are from the follownig courses
 - <https://www.codecademy.com/learn/learn-css>

CSS Basics

- Inline Style

```
<p style="color:red;">I*</p>
```

MISY120	Intern I	I*
MISY121	Intern II	

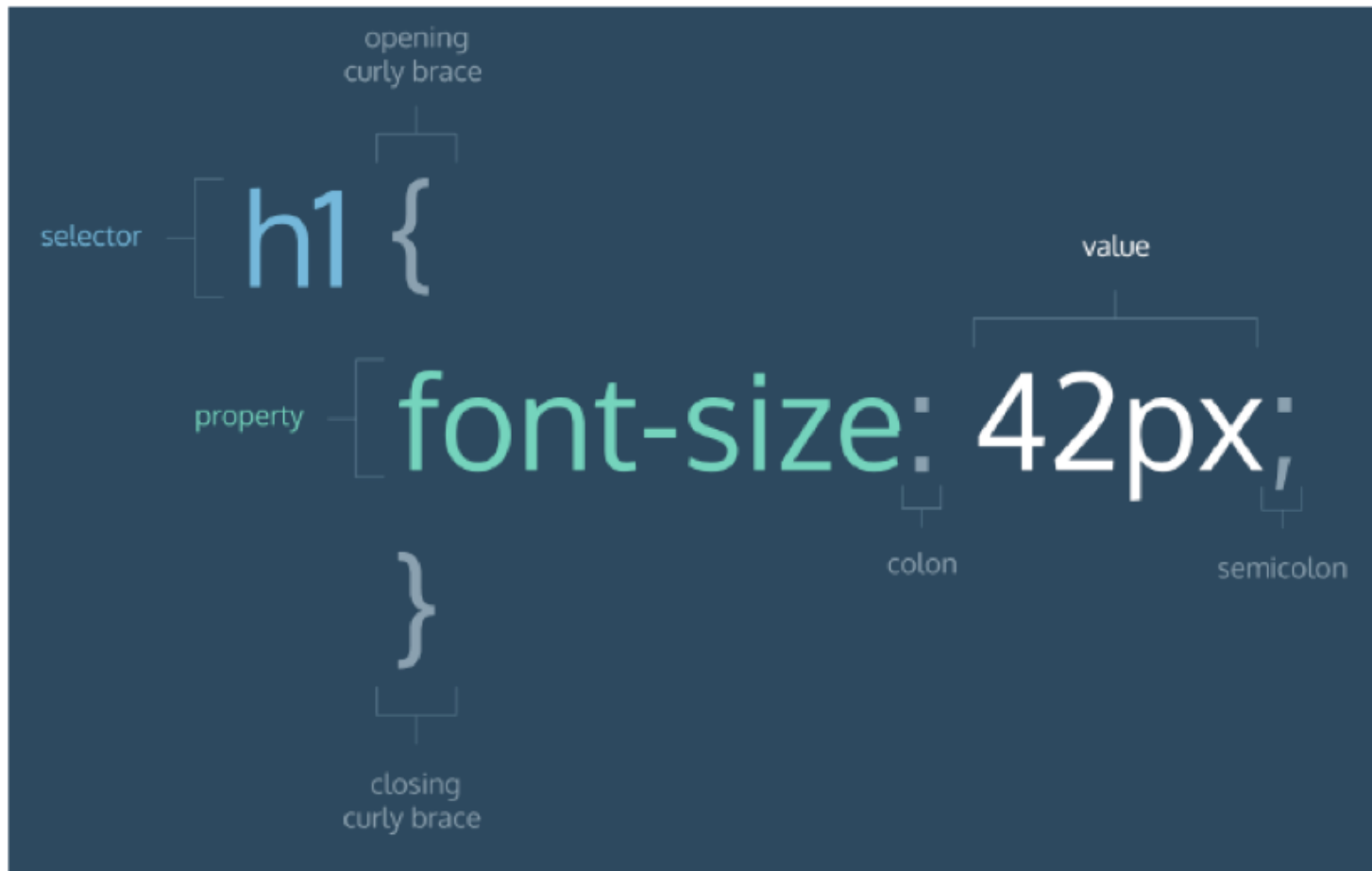
- Link to external style sheet In table-example.html:

```
<head>
  <meta charset="utf-8">
  <title>HTML Table Example</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
```

In style.css:

```
table, th, td {
  border: 1px solid black;
}
```

CSS Selector



CSS Selectors

- CSS can change the look of HTML elements. In order to do this, CSS must select HTML elements, then apply styles to them.
- CSS can select HTML elements by tag, class, or ID.
- Multiple CSS classes can be applied to one HTML element.
- Classes can be reusable, while IDs can only be used once.
- IDs are more specific than classes, and classes are more specific than tags. That means IDs will override any styles from a class, and classes will override any styles from a tag selector.
- Multiple selectors can be chained together to select an element. This raises the specificity, but can be necessary.
- Nested elements can be selected by separating selectors with a space.
- The !important flag will override any style, however it should almost never be used, as it is extremely difficult to override.
- Multiple unrelated selectors can receive the same styles by separating the selector names with commas.

Exercise

- Download and open the sample code spots.html and spots.css
- Questions:
 - Why “Top Vacation Spots” in blue?
 - Does the order of the classes matter? `<h1 class="title cursive capitalize">Top Vacation Spots</h1>`
 - Does the “capitalize” class work?
 - What does the following do?
`.description h5 { color: green;}`
 - Why “Top Attractions” in purple?
 - Are there any unused css styles?

CSS Property Sorting

- Grouped by Type is the most popular option: <https://css-tricks.com/poll-results-how-do-you-order-your-css-properties/>
- atom-css-clean package: <https://atom.io/packages/atom-css-clean>

```
CSS

.selector {
  /* Positioning */
  position: absolute;
  z-index: 10;
  top: 0;
  right: 0;

  /* Display & Box Model */
  display: inline-block;
  overflow: hidden;
  box-sizing: border-box;
  width: 100px;
  height: 100px;
  padding: 10px;
  border: 10px solid #333;
  margin: 10px;

  /* Color */
  background: #000;
  color: #fff

  /* Text */
  font-family: sans-serif;
  font-size: 16px;
  line-height: 1.4;
  text-align: right;

  /* Other */
  cursor: pointer;
}
```

Demo

- Host static web pages on AWS S3