5.3 CSS Selectors

Goal of the Exercise:

CSS Selectors

Applying CSS to Different Parts of HTML

1. The element selector targets elements based on their HTML tag name.
2. Class selectors target elements based on the value of the class attribute.
3. ID selectors target elements based on the value of the id attribute.
4. Attribute selectors target elements based on their attributes and values.
5. The universal selector targets all elements.

Solution:

index.html

```html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <title>CSS Selectors</title>
  <link rel="stylesheet" href="./style.css" />
</head>

<body>
  <h1>CSS Selectors</h1>
  <h2>Applying CSS to Different Parts of HTML</h2>
  <!-- TODO 1: Set the CSS for all paragraph tags to "color: red" -->
  <p class="note">1. The element selector targets elements based on their HTML
tag name.</p>

  <ol>
    <!-- TODO 2: Set the CSS for all elements with a class of "note" to "font-
size: 20px" -->
    <li class="note" value="2">Class selectors target elements based on the value
of the class attribute.</li>

    <!-- TODO 3: Set the CSS for the element with an id of "id-selector-demo" to
"color: green" -->
    <li class="note" id="id-selector-demo" value="3">ID selectors target elements
based on the value of the id
      attribute.</li>

    <!-- TODO 4: Set the CSS for the li elements that have the "value" attribute
set to "4" to have "color: blue" -->
    <li class="note" value="4">Attribute selectors target elements based on their
attributes and values.</li>

    <!-- TODO 5: Set all elements to have "text-align: center" -->
    <li class="note" value="5">The universal selector targets all elements.</li>
  </ol>
</body>

</html>
```

Style.css

```css
ol {
  margin-left: -40px;
  margin-top: -20px;
  list-style-position: inside;
}

/* Write your CSS below, don't change the rules above. */
/* <!-- TODO 1: Set the CSS for all paragraph tags to "color: red" --> */

p{
  color: red;
}

/* <!-- TODO 2: Set the CSS for all elements with a class of "note" to "font-
size: 20px" --> */
*[class = 'note']{
  font-size: 20px;
}

/* <!-- TODO 3: Set the CSS for the element with an id of "id-selector-demo" to
"color: green" --> */
*[id = 'id-selector-demo']{
  color: green;
}

/* <!-- TODO 4: Set the CSS for the li elements that have the "value" attribute
set to "4" to have "color: blue" --> */

li[value = '4']{
  color: blue;
}

/* <!-- TODO 5: Set all elements to have "text-align: center" --> */

*{
  text-align: center;
}
```

Output:

index.html

```html
1   <!DOCTYPE html>
2   <html lang="en">
3
4   <head>
5     <meta charset="UTF-8">
6     <title>CSS Selectors</title>
7     <link rel="stylesheet" href="./st
8   </head>
9
10  <body>
11    <h1>CSS Selectors</h1>
12    <h2>Applying CSS to Different Pai
13    <!-- TODO 1: Set the CSS for all
14    <p class="note">1. The element se
15
16    <ol>
17      <!-- TODO 2: Set the CSS for ai
18      <li class="note" value="2">Clas
19
20      <!-- TODO 3: Set the CSS for th
21      <li class="note" id="id-selecto
22        attribute.</li>
23
24      <!-- TODO 4: Set the CSS for th
25      <li class="note" value="4">Att
26
27      <!-- TODO 5: Set all elements 1
28      <li class="note" value="5">The
29    </ol>
30  </body>
31
32  </html>
```

style.css

```css
1   ol {
2     margin-left: -40px;
3     margin-top: -20px;
4     list-style-position: in
5   }
6
7   /* Write your CSS below,
8   /* <!-- TODO 1: Set the C
9
10  p{
11    color: red;
12  }
13
14  /* <!-- TODO 2: Set the C
15  *[class = 'note']{
16    font-size: 20px;
17  }
18
19  /* <!-- TODO 3: Set the C
20  *[id = 'id-selector-demo'
21    color: green;
22  }
23
24  /* <!-- TODO 4: Set the C
25
26  li[value = '4']{
27    color: blue;
28  }
29
30  /* <!-- TODO 5: Set all e
31
32  *{
33    text-align: center;
34  }
35
```

http://127.0.0.1:3000/course resources/5.3 CSS Selectors/index.html

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Applying CSS to Different Parts of HTML

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