

Q1. For the given index.html file. Perform the following task, without changing the index.html file. index.html (The HTML file)

A. Create a CSS file to apply styles to the HTML element, and link it

B. Using the combinator selector, perform the following task `

- a. Use any of the CSS combinator selectors to target all the anchor tags and change the text color to red
- b. Target only the first <h2> tag and change the text and background color using the combinator selector
- c. Also, select the first <p> tag and change the text color to red.

C. Using the attribute selector, perform the following task

- a. target the anchor tag with attribute "href" and change color to red and remove the text underline
- b. Target the anchor tag with the attribute of class name "active", change the text color, and provide the text style properties with underlining
- c. Target the anchor tag with the attribute of the target whose value is "_self" and change the background color.

D. Using the Pseudo selectors, perform the following task.

- a. Target the last <p> tag and add "..." i.e. three dots after its value
- b. Target the list of bullet points and change the color of the bullet points without changing the list item's value
- c. Among the three <p> tags target the 2nd <p> tag, select the first letter of the second <p> tag, and change the color to red Also increase the font size to 30px

Index.html.

```
<!DOCTYPE html>
```

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

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Test</title>
```

```
  <link rel="stylesheet" href="/CSS Selector Assignment/index1.css">
```

```
</head>
```

```
<body>
```

```
  <header>
```

```
    <nav>
```

```
      <h2>TOI</h2>
```

```
    <div>
```

```
      <h2>Menu</h2>
```

```

<ul>
  <li><a href="#" target="_blank">Home</a></li>
  <li><a href="#" class="active" target="_self">About</a></li>
  <li><a href="#" target="_blank">Services</a></li>
  <li><a href="#" target="_blank">Contact</a></li>
</ul>
</div>
<p>The Times of India</p>
<p>
  Lorem ipsum dolor sit amet consectetur adipisicing elit. Eos, cumque, id excepturi uibusdam
  animi recusandae atque et incidunt mollitia obcaecati pariatur. Sed ducimus cum officiis
  nulla iste facere quaerat molestiae.
</p>

<p>Read Articales</p>
</nav>
</header>
</body>
</html>

```

Style.css

```

/* B a.- Target the anchor tag a change the color red. */
nav a{
  color: red;
}

/* B b- Target the first h2 tag and change the text and background color */
nav > h2{
  color: red;
  background-color: azure
}

/* B c- the first <p> tag and change text color red */
ul + p{

```

```

    color: red;
}

/* C a- Target the anchor tag with attribute "href" and change color to red and remove the text
underline */
a[href] {
    color: red;
    text-decoration: none;
}

/* C b- Target the anchor tag with attribute of the class name "active" change the text Aolor, and
provide the
text style properties with underlining*/
a[class="active"] {
    color: rgb(89, 0, 255);
    text-decoration: underline;
}

/* C c- Target the anchor tag with the attribute of the target whose value is "_self" and change the
background color. */
a[target=_self] {
    background-color: beige;
}

/* D a- Target the last <p> tag and add "..." i.e. three dots after its value */
p:last-child::after{
    content: "...";
}

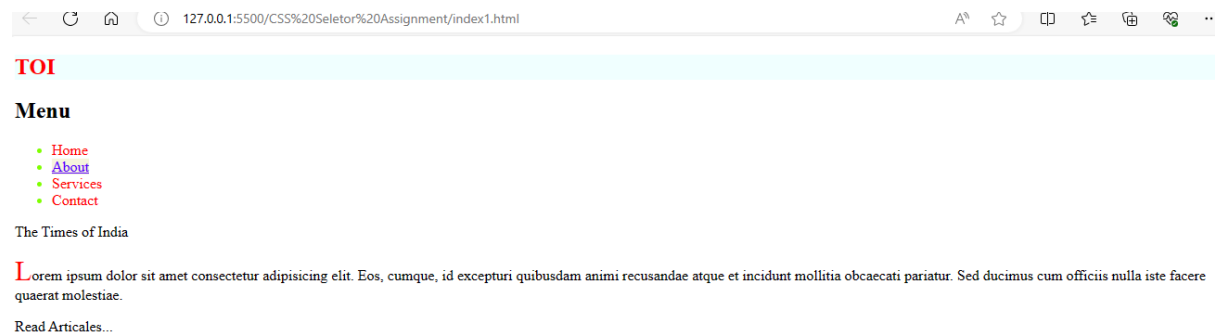
/* D b- Target the list of bullet points and change the color of the bullet points. */
li::marker{
    color: chartreuse;
}

/* D c- Among the three <p> tags target the 2nd <p> tag, select the first letter of the second <p> tag,
and change the
color to red Also increase the font size to 30px */

```

```
p:nth-child(even)::first-letter{
    color: red;
    font-size: 30px;
}
```

Output:



Q2. Create a CSS file and link it to the provided HTML file below, use any of the combinator class selectors to style the navigation menu as follows –

- Use the Descendant combinator selector to remove list style type bullet points and text underlining of the Menu list items.
- use the child combinator to display the menu list item inline
- Use the Adjacent sibling combinator selector to apply some margin between the menu list items.

Index.html .

```
<!DOCTYPE html>
```

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

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Document</title>
```

```
    <link rel="stylesheet" href="/CSS Seletor Assignment/style.css">
```

```
</head>
```

```
<body>
```

```
    <header>
```

```
        <nav>
```

```
<ul>

  <li><a href="">Home</a></li>

  <li><a href="">About</a></li>

  <li><a href="">Services</a></li>

  <li><a href="">portfolio</a></li>

  <li><a href="">Contact</a></li>

</ul>

</nav>

</header>

</body>

</html>
```

Style.css

```
/* a. use the descendant combinator selector to remove the style type bullet points */
ul li a{
  list-style: none;
  text-decoration: none;
}

/* b. use child combinator to display the menu list item-inline. */
ul > li{
  display: inline;
}

/* Use the Adjacent sibling combinator selector to apply some margin between the menu list items.
*/
li + li {
  margin: 10px;
}
```

Output:

Q4. Using any of the Pseudo element selectors, add any random words after and before the given HTML tag

- An example should be one HTML button tag
- When hovering the color should be changed and the shadow of the button should be added.
- Proper dadding space should be given.
- The cursor style should also be changed to a pointer on hover

Index.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

  <link rel="stylesheet" href="/CSS Seletor Assignment/index3.css">

</head>

<body>

  <div class="container">

    <div class=box1>

      <span class="span">Without hover</span>

      <button class="button">PW Skill</button>

    </div>

    <div class=box2>

      <span class="span">With hover</span>

      <button class="button">PW Skill</button>

    </div>

  </div>

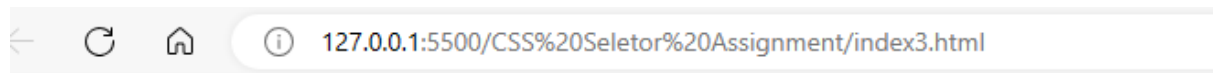
</body>
```

```
</html>
```

Style.css

```
.container{  
    display: flex;  
    text-align: center;  
}  
  
.button{  
    background-color: royalblue;  
    border: none;  
    margin: 10px;  
    margin-left: 100px;  
    margin-right: 100px;  
    padding: 18px 45px;  
    color: white;  
    font-size: 20px;  
    border-radius: 3%;  
}  
  
.span{  
    display: flex;  
    justify-content: center;  
}  
  
button:hover{  
    box-shadow: 10px 8px 8px darkgray;  
    cursor: pointer;  
}
```

Output:



Without hover

PW Skill

With hover

PW Skill