More on CSS selectors

Assignment

Q1. For the given index.html file. Perform the following task, without changing the index.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 -
  • Use any of the CSS combinator selectors to target all the anchor tags and change the text color to red

  • Target only the first <h2> tag and change the text and background color using the combinator selector

  • Also, select the first <p> tag and change the text color to red.

C. Using the attribute selector, perform the following task
  • target the anchor tag with attribute "href" and change color to red and remove the text underline

  • Target the anchor tag with the attribute of class name "active", change the text color, and provide the text style properties with underlining.

  • 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
  • Target the last <p> tag and add "..." i.e. three dots after its value

  • Target the list of bullet points and change the color of the bullet points without changing the list item's value.

  • 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 (The HTML file)

```
Unset
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Test</title>
  </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. Consequatur,
          maxime a. Deserunt distinctio doloremque repudiandae excepturi fugit
          repellat nostrum culpa!
        </p>

        <p>read articles</p>
      </nav>
    </header>
  </body>
</html>
```

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 -**
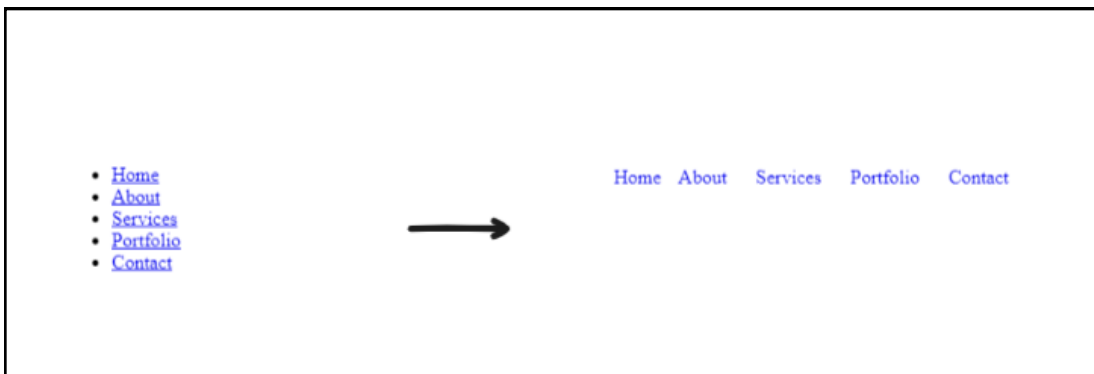
- Use the Descendant combinator selector to remove list style type bullet points and text underlining of the Menu list items.

- 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 (The HTML file)

```
Unset
<!DOCTYPE html>
<html lang="en">
 <head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Styled Navigation Menu</title>
  <link rel="stylesheet" href="styles.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>
   <main>
    <!-- Your content here -->
   </main>
  </body>
 </html>
```

Note - the above HTML code should not be changed and you are not allowed to add any class name to the HTML file.

Expected output -

Q3. Using any of the Pseudo element selectors, add any random words after and before the given HTML tag

```
Unset
<!-- given HTML code -->
<body>
 <h1>- element -</h1>
</body>

<!-- Expected Output -->
<!-- Pseuo - element - selector -->
```

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 padding space should be given.
- The cursor style should also be changed to a pointer on hover

Expected output -