

Full Stack Application Development with Cloud Computing

Module 2 – Front-End Development Tools, Technologies and Frameworks

Lab - 2

Unit 2 - CSS3 Essentials & Layout Techniques

Topic: CSS Properties

Ex. 1: An HTML page that includes CSS properties applied to different elements.

```
<!DOCTYPE html>
<html>
<head>
  <title>CSS Properties Example</title>
  <style>
    /* Styling the body */
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #F0FFF0;
      color: #333;
    }

    /* Styling the header */
    header {
      background-color: #333;
      color: #fff;
      text-align: center;
```

```
padding: 1rem;
}

/* Styling navigation links */
nav a {
  color: #444;
  text-decoration: none;
  padding: 0.5rem;
}

/* Styling the main content */
section {
  padding: 1rem;
}

/* Styling unordered list items */
ul li {
  list-style-type: square;
  margin-left: 1rem;
}

/* Styling the footer */
footer {
  background-color: #555;
  color: #fff;
  text-align: center;
  padding: 1rem;
}
</style>
</head>
<body>
  <!-- Header section -->
  <header>
```

```
<h1>CSS Properties Example</h1>
<p>Exploring Different CSS Properties</p>
</header>

<!-- Navigation section -->
<nav>
  <a href="#">Home</a> |
  <a href="#">About</a> |
  <a href="#">Services</a> |
  <a href="#">Contact</a>
</nav>

<!-- Main content section -->
<section>
  <h2>About CSS Properties</h2>
  <p>CSS properties control the appearance and layout of HTML
elements.</p>

  <h3>Property Examples</h3>
  <ul>
    <li>This is an example of the <code>font-family</code>
property.</li>
    <li>This is an example of the <code>background-color</code>
property.</li>
    <li>This is an example of the <code>color</code> property.</li>
    <li>This is an example of the <code>text-align</code>
property.</li>
    <li>This is an example of the <code>padding</code>
property.</li>
    <li>This is an example of the <code>list-style-type</code>
property.</li>
  </ul>
</section>
```

```
<!-- Footer section -->
<footer>
    <p>&copy; 2023 CSS Properties Example. All rights reserved.</p>
</footer>
</body>
</html>
```

Output:



Practice Question

Ex. 2: An HTML document containing a navigation menu. Task is to style the navigation menu using CSS properties to achieve the following:

- **Set the background color of the navigation menu**
- **Display the menu items as horizontal inline elements.**
- **Apply a padding to the menu items.**
- **Change the text color of the menu items**
- **Add a bottom border to the currently active menu item.**