Full Stack Application Development with Cloud Computing

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

Lab - 1

Unit 2 - CSS3 Essentials & Layout Techniques

Topic: CSS Selectors

Ex. 1: A webpage that provides information about a training organization, including its services, courses, and contact details.

```
<!DOCTYPE html>
<html>
<head>
  <title>Training Organization - Edunet Foundation</title>
  <style>
    body {
      font-family: Arial, sans-serif;
        background-color: #FFFFE0;
      margin: 0;
      padding: 0;
    }
    header {
      background-color: #333;
     color: #fff;
      text-align: center;
      padding: 1rem;
    }
    nav {
      background-color: #444;
      color: #fff;
```

```css
          text-align: center;

          padding: 0.5rem;

       }

       section {

          padding: 1rem;

       }

       footer {

          background-color: #555;

          color: #fff;

          text-align: center;

          padding: 1rem;

       }

   </style>

</head>

<body>
```

```html
<body>

   <!-- Header section -->

   <header>

      <h1>Welcome to Edunet Foundation</h1>

      <p>Your Path to Success Begins Here</p>

   </header>


   <!-- Navigation section -->

   <nav>

      <a href="#">Home</a> |

      <a href="#">Courses</a> |

      <a href="#">Services</a> |

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

   </nav>


   <!-- Main content section -->

   <section>

      <h2>About Us</h2>
```

```html
        <p>Edunet Foundation is a leading training organization that
specializes in providing high-quality courses in various fields, including
technology, softskill, and personal development.</p>
    </section>

    <!-- Courses section -->
    <section>
        <h2>Our Courses</h2>
        <ul>
            <li>Web Development</li>
            <li>Data Science</li>
            <li>Artificial Intelligence</li>
            <li>Cyber security</li>
            <li>Leadership Skills</li>
        </ul>
    </section>

    <!-- Services section -->
    <section>
        <h2>Our Services</h2>
        <p>We offer a range of services, including:</p>
        <ul>
            <li>Customized Corporate Training</li>
            <li>Online Learning Platforms</li>
            <li>Project Guidance</li>
            <li>Workshops and Seminars</li>
        </ul>
    </section>

    <!-- Contact section -->
    <section>
        <h2>Contact Us</h2>
```

```
        <p>If you have any questions or inquiries, please feel free to
contact us:</p>
        <p>Email: info@edunetfoundation.org</p>
        <p>Phone: (123) 456-7890</p>
    </section>


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

Output:

Practice Question

Ex. 2: An HTML document that includes a list of products. Your task is to style the list items differently based on their categories. Use appropriate CSS selectors to apply styling to the different categories:

- **Apply a background color to all list items.**
- **Apply a border to list items with the class.**