Full Stack Application Development with Cloud Computing

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

Lab - 2

Unit 1 - HTML5 Fundamentals

Topic: HTML Page Layout

Ex. 1: An HTML page that provides information about a training organization, including its services, courses, and contact details.

```
<!DOCTYPE html>
<html>
<head>
    <title>Training Organization - Edunet Foundation</title>
</head>
<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>
```

```html
    </nav>

    <!-- Main content section -->
    <section>
        <h2>About Us</h2>
        <p>Edunet Foundation is a leading training organization that
specializes in providing high-quality courses in various fields, including
technology and personal development.</p>
    </section>

    <!-- Courses section -->
    <section>
        <h2>Our Courses</h2>
        <ul>
            <li>Web Development</li>
            <li>Data Science</li>
            <li>Machine Learning</li>
            <li>Cyber Security</li>
            <li>Blockchain</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>Career Counseling</li>
            <li>Workshops and Seminars</li>
        </ul>
    </section>
```

```html
    <!-- 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:

Welcome to Edunet Foundation

Your Path to Success Begins Here

Home | Courses | Services | Contact

About Us

Edunet Foundation is a leading training organization that specializes in providing high-quality courses in various fields, including technology and personal development.

Our Courses

- Web Development
- Data Science
- Machine Learning
- Cyber Security
- Blockchain

Our Services

We offer a range of services, including:

- Customized Corporate Training
- Online Learning Platforms
- Career Counseling
- Workshops and Seminars

Contact Us

If you have any questions or inquiries, please feel free to contact us:

Email: info@edunetfoundation.org

Phone: (123) 456-7890

© 2023 LearnTech. All rights reserved.

Practice Question

Ex. 2: Design a basic HTML page layout for a blog post. Create a structure that includes the following elements:

- A header section with the blog post title.
- A navigation bar with links for "Home," "About," "Blog," and "Contact."
- A main content area with the blog post content, including a title, author's name, publication date, and text.
- A sidebar on the right side with a list of recent posts.