

Assignment 4: Enhance the page by adding CSS3 animations to the menu and form elements. Also, use media queries to make the page responsive, ensuring it looks good on both desktop and mobile screen sizes.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Sample HTML Page with Animations and Responsive Design</title>
```

```
<style>
```

```
  body {
```

```
    font-family: Arial, sans-serif;
```

```
    line-height: 1.6;
```

```
    padding: 20px;
```

```
    background-color: #f2f2f2;
```

```
  }
```

```
  header, section, footer {
```

```
    background-color: #fff;
```

```
    padding: 20px;
```

```
    margin-bottom: 20px;
```

```
    border-radius: 8px;
```

```
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
```

```
  }
```

```
  header h1 {
```

```
    margin-top: 0;
```

```
  }
```

```
  section {
```

```
    display: flex;
```

```
    flex-wrap: wrap;
```

```
    gap: 20px;
```

```
  }
```

```
  article {
```

```
flex: 1 1 300px;

background-color: #f9f9f9;

padding: 15px;

border-radius: 8px;

box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);
}

table {

width: 100%;

border-collapse: collapse;

margin-bottom: 20px;

background-color: #fff;

border-radius: 8px;

box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);
}

th, td {

border: 1px solid #ddd;

padding: 8px;

text-align: left;
}

th {

background-color: #f2f2f2;
}

form {

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);

animation: formFadeIn 1s ease-out forwards; /* Form animation */
}
```

```
form label {
    display: block;
    margin-bottom: 8px;
}

form input[type="text"],
form input[type="email"],
form input[type="submit"] {
    width: 100%;
    padding: 10px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box; /* Ensure padding and border are included in width */
    transition: all 0.3s ease-out; /* Smooth transition for input elements */
}

form input[type="submit"] {
    background-color: #4CAF50;
    color: white;
    border: none;
    cursor: pointer;
    padding: 12px 20px;
    border-radius: 4px;
    transition: background-color 0.3s ease-out;
}

form input[type="submit"]:hover {
    background-color: #45a049;
}

footer {
    text-align: center;
```

```
padding: 10px;
background-color: #ddd;
border-radius: 8px;
box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);
}
```

```
@keyframes formFadeIn {
```

```
  from {
    opacity: 0;
    transform: translateY(-20px);
  }
```

```
  to {
    opacity: 1;
    transform: translateY(0);
  }
```

```
}
```

```
header nav {
  text-align: center;
}
```

```
header nav a {
  display: inline-block;
  padding: 10px 20px;
  margin: 0 10px;
  color: #333;
  text-decoration: none;
  border-radius: 4px;
  background-color: #f2f2f2;
  transition: background-color 0.3s ease-out, transform 0.3s ease-out;
}
```

```
header nav a:hover {
    background-color: #ddd;
    transform: translateY(-3px);
}

@media screen and (max-width: 768px) {
    section {
        flex-direction: column;
    }
    article {
        flex: 1 1 auto;
        margin-bottom: 15px;
    }
}

</style>
</head>
<body>
    <header>
        <h1>Welcome to My Sample Page</h1>
        <nav>
            <a href="#">Home</a>
            <a href="#">About</a>
            <a href="#">Products</a>
            <a href="#">Contact</a>
        </nav>
    </header>

    <section>
        <div>
            <h2>About Us</h2>
```

<p>This section provides information about our organization.</p>

<article>

<h3>Our History</h3>

<p>We have been serving our community since 20XX.</p>

</article>

<article>

<h3>Our Mission</h3>

<p>Our mission is to provide quality services to our customers.</p>

</article>

</div>

<div>

<h2>Products</h2>

<p>Check out our latest products below:</p>

<table>

<thead>

<tr>

<th>Product Name</th>

<th>Price</th>

<th>Description</th>

</tr>

</thead>

<tbody>

<tr>

<td>Product A</td>

<td>10000</td>

<td>Guitar</td>

</tr>

<tr>

```
        <td>Product B</td>

        <td>5000</td>

        <td>violin</td>

    </tr>

</tbody>

</table>

</div>
```

```
<div>

    <h2>Contact Us</h2>

    <p>Fill out the form below to get in touch with us:</p>

    <form action="#" method="post">

        <label for="name">Name:</label>

        <input type="text" id="name" name="name" required><br><br>

        <label for="email">Email:</label>

        <input type="email" id="email" name="email" required><br><br>

        <input type="submit" value="Submit">

    </form>

</div>

</section>
```

```
<footer>

    <p>copyrights 2024 abc Company. All rights reserved.</p>

</footer>

</body>

</html>
```