

## Day 30

**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.**

### A)

**HTMLCode:**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Enhanced Page</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <nav>
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="#">About</a></li>
      <li><a href="#">Services</a></li>
      <li><a href="#">Contact</a></li>
    </ul>
  </nav>
  <div class="container">
    <h2>Contact Us</h2>
    <form action="#">
      <input type="text" placeholder="Name">
      <input type="email" placeholder="Email">
```

```
        <input type="password" placeholder="Password">
        <input type="submit" value="Submit">
    </form>
</div>
</body>
</html>
```

### **CSS code:**

```
body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    background-color: #f3f3f3;
}

/* Navigation menu */
nav {
    background-color: #333;
    color: #fff;
    padding: 10px;
    text-align: center;
    position: fixed;
    width: 100%;
    z-index: 1000;
    animation: slideDown 0.5s ease-in-out;
}

nav ul {
    list-style-type: none;
```

```
padding: 0;
margin: 0;
}
```

```
nav ul li {
    display: inline;
    margin-right: 20px;
}
```

```
nav ul li a {
    color: #fff;
    text-decoration: none;
    padding: 10px;
    border-radius: 5px;
    transition: background-color 0.3s;
}
```

```
nav ul li a:hover {
    background-color: #555;
}
```

```
/* Form */
```

```
.container {
    margin: 100px auto;
    width: 50%;
    background-color: #fff;
    padding: 20px;
    border-radius: 10px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
```

```
    animation: slideUp 0.5s ease-in-out;
}
```

```
form {
    display: flex;
    flex-direction: column;
}
```

```
input[type="text"], input[type="email"], input[type="password"] {
    margin-bottom: 20px;
    padding: 10px;
    border: 1px solid #ccc;
    border-radius: 5px;
}
```

```
input[type="submit"] {
    padding: 10px 20px;
    background-color: #333;
    color: #fff;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    transition: background-color 0.3s;
}
```

```
input[type="submit"]:hover {
    background-color: #555;
}
```

```
/* CSS3 Animations */
```

```
@keyframes slideDown {  
  from {  
    transform: translateY(-100%);  
  }  
  to {  
    transform: translateY(0);  
  }  
}
```

```
@keyframes slideUp {  
  from {  
    opacity: 0;  
    transform: translateY(50px);  
  }  
  to {  
    opacity: 1;  
    transform: translateY(0);  
  }  
}
```

```
/* Media Queries */
```

```
@media screen and (max-width: 768px) {  
  nav ul {  
    display: flex;  
    flex-direction: column;  
  }
```

```
  nav ul li {
```

```
    margin: 10px 0;
  }

  .container {
    width: 80%;
  }
}
...
```