

# LOGIN AND SIGNUP PAGE - HTML AND CSS CODE DOCUMENTATION

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## INTRODUCTION

This HTML and CSS code creates a modern and visually appealing login and signup page. The page includes two forms: one for logging in and another for signing up. Users can switch between the login and signup forms.

# HTML STRUCTURE:

## DOCUMENT TYPE DECLARATION:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <!-- Meta tags for character set and viewport -->
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <!-- Page title -->
```

```
    <title>Login and Signup Page</title>
```

```
    <!-- Internal CSS styles -->
```

```
    <style>
```

```
        /* Styles are defined here */
```

```
    </style>
```

```
</head>
```

## BODY SECTION:

```
<body>

  <!-- Login Form -->

  <form id="loginForm">

    <!-- Elements for the login form -->

  </form>


  <!-- Signup Form - Initially set to display: none -->

  <form id="signupForm" style="display:none;">

    <!-- Elements for the signup form -->

  </form>


  <!-- JavaScript for form toggling and signup form validation -->

  <script>

    // JavaScript code is included here

  </script>

</body>

</html>
```

## CSS STYLES:

### BODY STYLING:

```
body {  
    /* Font, background, and layout styling */  
}
```

### FORM STYLING:

```
form {  
    /* Styling for both login and signup forms */  
}
```

```
h2, label, input, button {  
    /* Styles for form headings, labels, inputs, and buttons */  
}
```

```
.button:hover {  
    /* Hover effect for buttons */  
}
```

```
.switch, .error-message {  
    /* Styling for switch (toggle) and error message */  
}
```

# JAVASCRIPT:

## TOGGLE FORM FUNCTION:

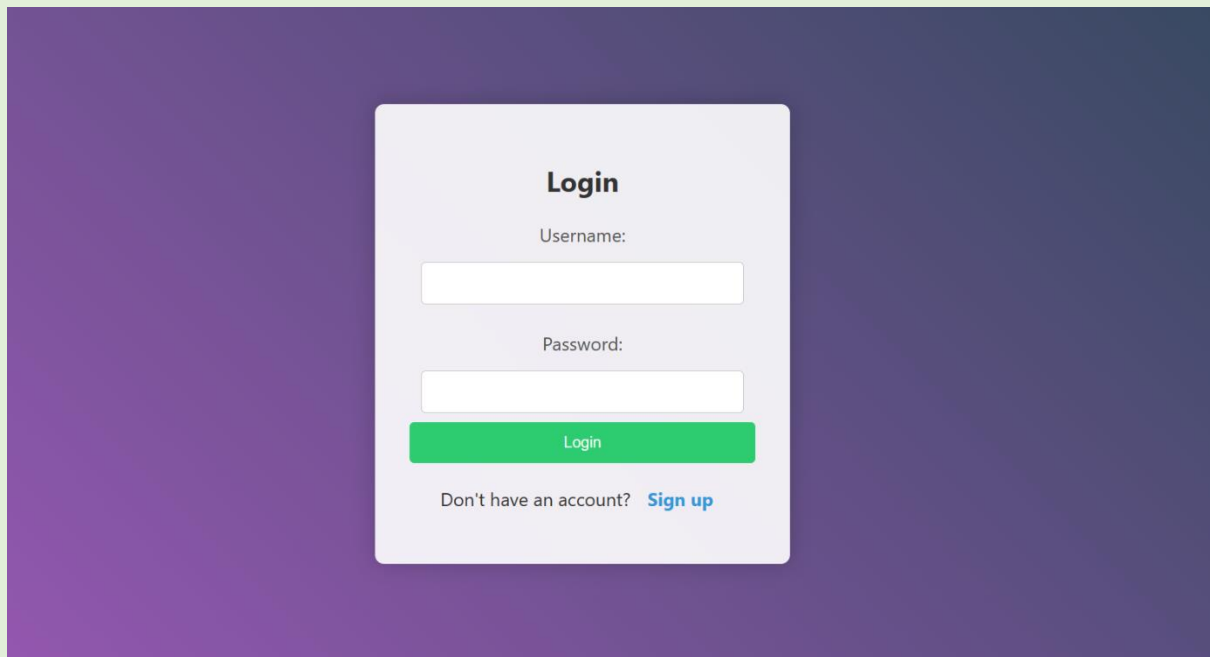
```
function toggleForm() {  
    // Toggle the display of login and signup forms  
    // Clear any error messages on form switch  
}
```

## SIGNUP FORM VALIDATION:

```
document.getElementById('signupForm').addEventListener('submit',  
function(event) {  
    // Validate signup form, preventing submission if conditions are not met  
});
```

OUTPUT:

## LOGIN PAGE



The image shows a login page with a purple gradient background. In the center is a white rounded rectangle containing the login form. The form has the title "Login" in bold. Below it are two input fields: "Username:" and "Password:". The "Username:" field is a simple white box. The "Password:" field is a white box with a small eye icon on the right side to toggle visibility. Below the password field is a green button with the text "Login". At the bottom of the form, there is a link that says "Don't have an account? [Sign up](#)".

**Login**

Username:

Password:

Login

Don't have an account? [Sign up](#)

# SIGNUP PAGE

**Sign Up**

Username:

Email:

Password:

**Sign Up**

Already have an account? [Login](#)



# CONCLUSION:

This HTML and CSS code provides a user-friendly login and signup page with responsive design. The JavaScript functions enhance user interaction by allowing switching between login and signup forms and providing basic form validation for signup.