**Assignment 5**

**Problem statement :**

Program on applying event handling on HTML web page using Java script.

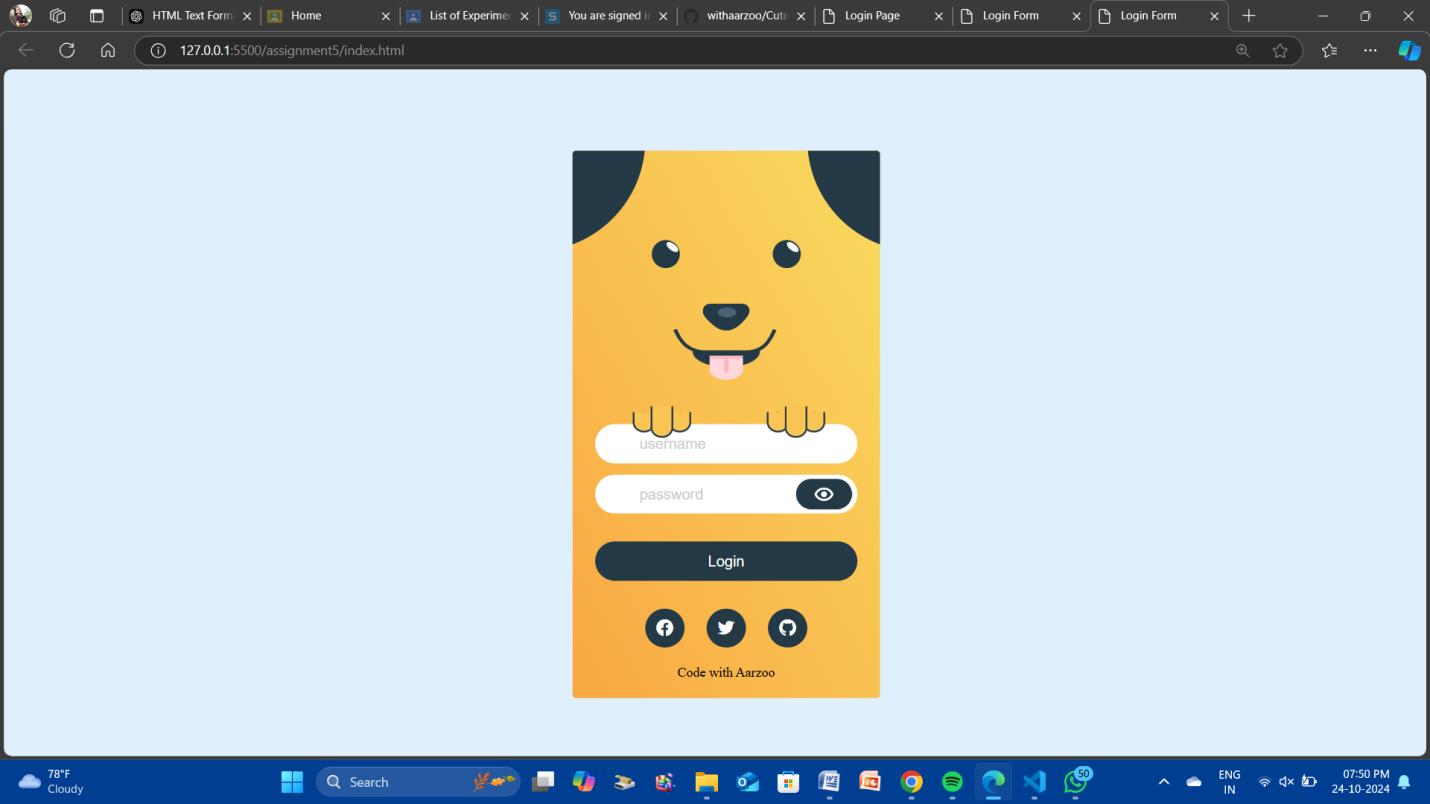
The goal of this project is to create a visually appealing login page that combines both playful design and functionality. The page should allow users to input their username and password, with options for showing/hiding the password. Additionally, it should include social media login icons for convenience. The design incorporates a character that adds an engaging element to the login experience. The main objectives are:

1. **User Experience**: Create an interactive and engaging login form that encourages user interaction.
2. **Functionality**: Implement input fields for username and password with basic validation.
3. **Visual Appeal**: Design a playful character using CSS that enhances the overall aesthetics of the page.
4. **Responsive Design**: Ensure the layout is responsive and works well on different devices.

**Steps Taken**

1. **HTML Structure**:
   * The HTML file defines the structure of the login page.
   * A central character (face, ears, mouth, etc.) is created using a combination of <div> elements and SVG graphics for the nose and mouth.
   * Input fields for username and password are included, along with buttons for login and social media login icons.
   * Labels and placeholders enhance accessibility and usability.
2. **Styling with CSS**:
   * The CSS file provides styles for all elements, ensuring that the character is visually appealing.
   * It includes styles for positioning, colors, sizes, and animations to make the character and buttons responsive and engaging.
   * Specific styles are applied to the login button and input fields to make them user-friendly.
   * The .social-buttons section is styled to present social media icons prominently.
3. **JavaScript Functionality**:
   * The JavaScript file adds interactivity to the login page.
   * It implements a feature to show/hide the password when the respective button is clicked.
   * Additional functionality for the login button can be implemented, such as form validation or alert messages.

**Screenshot of output:**

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