

HTML5 & CSS-Only Validation (HTML/CSS)

Question 6

You need to implement essential client-side validation on a simple login form using **only HTML5 attributes and CSS**. The goal is to visually indicate invalid fields and display built-in browser error messages without any custom JavaScript code.

Objectives:

- Add a title **HTML5 Validation Demo** to the HTML file.
- Create input fields for **Username** (set a minimum length) and **Password** (make it required).
- Fill logic to use the required HTML attribute on the password field and the minlength attribute on the username field (set to **6**).
- Fill logic in the CSS to apply a bright **red border (#FF0000)** to any input field that is currently **invalid** and has been **touched** by the user.

Constraints:

- **Absolutely no JavaScript** is allowed in the HTML or linked files.
- Do not change the id or class attributes of any elements.
- The form must submit to a dummy action URL (#).

Fill-in-the-Blanks Answer Set (HTML & CSS)

index6.html (Incomplete)

HTML

```
<!DOCTYPE html>
```

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

```
<head>
```

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

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

```
  <title> **[BLANK 1] **</title>
```

```
  <link rel="stylesheet" href="style6.css">
```

```
</head>
```

```

<body>

  <form action="**[BLANK 2]**" method="POST">

    <h2>User Login</h2>

    <label for="username">Username (Min 6 chars):</label>

    <input type="text" id="username" name="username" **[BLANK 3]**="6"><br><br>

    <label for="password">Password (*Required):</label>

    <input type="password" id="password" name="password" **[BLANK 4]**><br><br>

    <button type="submit">Log In</button>

  </form>
</body>
</html>

```

style6.css (Incomplete)

CSS

/* Styling for invalid fields that have been focused/changed */

input:**[BLANK 5]**:focus,

input:**[BLANK 5]**:valid {

border: 1px solid **[BLANK 6]**; /* Default border color */

}

input:invalid:**[BLANK 7]** {

border-color: #FF0000;

box-shadow: 0 0 5px rgba(255, 0, 0, 0.5);

}

/* Basic Input Styling */

input {

```
padding: 8px;  
margin-top: 5px;  
width: 250px;  
box-sizing: border-box;  
}
```
