

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;  
}  
  
-----
```