

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>Validation Form</title>
```

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

```
</head>
```

```

<body>
  <form action="#" method="POST">
    <h2>User Login</h2>
    <label for="username">Username (Min 6 chars):</label>
    <input type="text" id="username" name="username" minlength="6"><br><br>

    <label for="password">Password (*Required):</label>
    <input type="password" id="password" name="password" required><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:invalid:focus,
input:invalid:valid {
  border: 1px solid grey; /* Default border color */
}

```

```

input:invalid:user-invalid{
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;  
}
```
