

Experiment 4- Full Stack Development

~Amrit Singh, 23BIS70062

Objective

Create a simple feature that displays a live character count as the user types in a textarea. This helps you practice real-time event handling and dynamic content updates to improve user interaction.

Task Description

Build a web page that includes a textarea where the user can type text. Below or beside the textarea, display a character counter that updates immediately as the user types or deletes content. The counter should show the current number of characters entered, providing clear and instant feedback.

Input

```
Experiment_4.html > html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width,
        initial-scale=1.0">
6      <title>Live Character Counter</title>
7  </head>
8  <body>
9
10     <div class="counter-box">
11         <h2>Live Character Counter</h2>
12         <textarea id="textInput" placeholder="Start typing...">
13             <div class="char-count">Characters: <span id="charCount">0</
14             span></div>
15     </div>
16
17     <script>
18         const textarea = document.getElementById("textInput");
19         const charCount = document.getElementById("charCount");
20
21         textarea.addEventListener("input", () => {
22             charCount.textContent = textarea.value.length;
23         });
24     </script>
25 </body>
26 </html>
```

Output

