

Experiment-4

Title

Live Character Counter using HTML, CSS, and JavaScript

Objective

To design and implement a live character counter that dynamically updates as the user types in a text area.

Task Description

Create a web application that allows users to type in a text area while displaying the current character count in real-time. The application should:

- Provide a text area where the user can enter input.
- Dynamically update and display the number of characters typed.

Code:

```
exp4(23BIS70053).html > html > body > script
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    <div class="container">
10     <h2>Live Character Counter</h2>
11     <textarea id="textinput" placeholder="Start typing..."></textarea>
12     <div class="counter">
13       <b>Characters:</b> <span id="charCount">0</span>
14     </div>
15   </div>
16   <script>
17     const textarea = document.getElementById('textinput');
18     const counter = document.getElementById('charCount');
19
20     textarea.addEventListener('input', () => {
21       counter.textContent = textarea.value.length;
22     });
23   </script>
24 </body>
25 </html>
26
```

Output:

Live Character Counter

Characters: 6