

Experiment 4

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Title

Live Character Counter for Textarea

Objective

Create a simple feature that displays a live character count as the user types in a text area. 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 text area where the user can type text. Below or beside the text area, 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 Screenshots:

```
exp4(23BIS70162).html > ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>Live Character Counter</title>
5  </head>
6  <body>
7  |   <div class="container">
8  |     <h2>Live Character Counter</h2>
9  |     <textarea id="myTextarea" placeholder="Start typing..."></textarea>
10 |   <div>
11 |     <span class="counter">Characters: <span id="charCount">0</span></span>
12 |   </div>
13 | </div>
14 </body>
15 <style>
16 |   .container {
17 |     border: 2px solid #bbb;
18 |     padding: 20px;
19 |     margin-bottom: 20px;
20 |   }
21 |   textarea {
22 |     width: 100%;
23 |     min-height: 80px;
24 |     margin-bottom: 10px;
25 |     font-size: 16px;
26 |   }
27 |   .counter {
28 |     font-weight: bold;
29 |   }
30 </style>
31 <script>
32 |   const textarea = document.getElementById('myTextarea');
33 |   const charCount = document.getElementById('charCount');
34 |   textarea.addEventListener('input', function() {
35 |     charCount.textContent = textarea.value.length;
36 |   });
37 </script>
38 </body>
39 </html>
40
```

Output Screenshots:

