Experiment 3

Aim:
Live Character Counter for Textarea.

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.

HTML Code:

```html
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Experiment 4</title>


</head>

<body>

<h1>Live Character counter </h1>

<textarea id="input" placeholder="Start typing...."></textarea>

<h2 id="char"><div> Character : 0 </div></h2>

</body>

<script>

const inputelement = document.getElementById("input");

const char = document.getElementById("char");window.addEventListener("input",()=>{

char.innerHTML = `<div> Character : ${inputelement.value.length} </div>`

})

</script>
```

</html>

Output:

- A text box with placeholder text "Start typing…." where the user can type freely.

- Learned how to access and modify HTML elements dynamically using JavaScript (getElementById and innerHTML).

- Learned how to display live updates on the webpage (character count) as the user types into a textarea.

- Practiced using template literals (`…${}`) in JavaScript to embed variables inside HTML strings cleanly.

Live Character counter

By Mannu

Character : 8

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