

Word counter code

07 Aug. 2025

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>WordCounter</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      padding: 20px;

      max-width: 800px;

      margin: auto;

    }

    textarea {

      width: 100%;

      height: 300px;

      margin-top: 10px;

    }

    .results {

      margin-top: 20px;

    }

    .error {

      color: red;

    }

  </style>
```

```
</head>
```

```
<body>
```

```
<h1>WordCounter</h1>
```

```
<p>Enter your text below (up to 1 lakh words):</p>
```

```
<textarea id="textInput" placeholder="Type or paste your text here..."></textarea><br>
```

```
<button onclick="analyzeText()">Analyze</button>
```

```
<div class="results" id="results"></div>
```

```
<script>
```

```
async function analyzeText() {
```

```
    const text = document.getElementById("textInput").value.trim();
```

```
    const wordCount = text.split(/\s+/).length;
```

```
    // Display basic word count
```

```
    let resultHtml = `<p><strong>Word Count:</strong> ${wordCount}</p>`;
```

```
    // Determine grammar level (very basic heuristic)
```

```
    if (wordCount < 100) {
```

```
        resultHtml += `<p><strong>Grammar Level:</strong> Basic</p>`;
```

```
    } else if (wordCount < 1000) {
```

```
        resultHtml += `<p><strong>Grammar Level:</strong> Intermediate</p>`;
```

```
    } else {
```

```
        resultHtml += `<p><strong>Grammar Level:</strong> Advanced</p>`;
```

```
    }
```

```
// Send text to LanguageTool API

resultHtml += `

<em>Checking spelling and grammar...</em></p>`;

document.getElementById("results").innerHTML = resultHtml;

try {

  const response = await fetch("https://api.languagetoolplus.com/v2/check", {

    method: "POST",

    headers: {

      "Content-Type": "application/x-www-form-urlencoded"

    },

    body: new URLSearchParams({

      text: text,

      language: "en-US"


    })

  });

  const data = await response.json();

  if (data.matches.length === 0) {

    resultHtml += `

No spelling or grammar mistakes found 

`;

  } else {

    resultHtml += `

<strong>Found ${data.matches.length} issue(s):</strong></p><ul>`;

    data.matches.forEach(match => {

      resultHtml += `-


```

```
        <em>Suggestion:</em> ${match.replacements.map(r => r.value).join(', ') || 'None'}</li><br>`;
    });

    resultHtml += `</ul>`;

}

} catch (error) {
    resultHtml += `<p class="error">Error checking grammar: ${error.message}</p>`;
}

    document.getElementById("results").innerHTML = resultHtml;
}

</script>

</body>

</html>
```