

## EXP-1:

### Create a Live Character Counter for Textarea:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Fun Live Character Counter</title>
  <style>
    body {
      font-family: "Poppins", sans-serif;
      /* Sleek glossy black-to-white gradient */
      background: linear-gradient(135deg, #000000, #434343, #ffffff);
      background-size: 400% 400%;
      animation: gradientShift 8s ease infinite;
      padding: 0;
      margin: 0;
      height: 100vh;
      display: flex;
      justify-content: center;
      align-items: center;
    }

    .container {
      background: rgba(255, 255, 255, 0.9);
      padding: 30px;
      border-radius: 15px;
      box-shadow: 0 10px 25px rgba(0,0,0,0.15);
      width: min(90%, 420px);
      display: flex;
      flex-direction: column;
      align-items: center;
      animation: fadeIn 0.7s ease;
      backdrop-filter: blur(8px);
    }

    h2 {
      margin-bottom: 15px;
      color: #000;
```

```
    text-align: center;
}
```

```
textarea {
    width: 100%;
    min-height: 140px;
    font-size: 16px;
    padding: 12px 14px;
    border: 2px solid #ddd;
    border-radius: 12px;
    resize: none;
    outline: none;
    box-sizing: border-box;
    transition: border-color 0.3s ease, box-shadow 0.3s ease;
    line-height: 1.4;
    background: #fafafa;
}
```

```
textarea:focus {
    border-color: #000;
    box-shadow: 0 0 8px rgba(0, 0, 0, 0.4);
    background: #fff;
}
```


```
.counter {
    margin-top: 12px;
    font-size: 14px;
    font-weight: bold;
    color: #555;
    transition: color 0.3s ease, transform 0.2s ease;
    align-self: flex-end;
}
```

```
.counter.limit-reached {
    color: #e74c3c;
    transform: scale(1.1);
}
```

```
@keyframes fadeIn {
    from { opacity: 0; transform: translateY(-10px); }
```

```

    to { opacity: 1; transform: translateY(0); }
  }

  /* Subtle glossy movement effect */
  @keyframes gradientShift {
    0% { background-position: 0% 50%; }
    50% { background-position: 100% 50%; }
    100% { background-position: 0% 50%; }
  }
</style>
</head>
<body>
  <div class="container">
    <h2>  Text Counter</h2>
    <textarea id="myTextarea" maxlength="150" placeholder="Type your awesome message here..."></textarea>
    <div id="charCounter" class="counter">0 / 150</div>
  </div>

  <script>
    const textarea = document.getElementById("myTextarea");
    const counter = document.getElementById("charCounter");
    const maxLength = textarea.getAttribute("maxlength");

    textarea.addEventListener("input", () => {
      const currentLength = textarea.value.length;
      counter.textContent = `${currentLength} / ${maxLength}`;

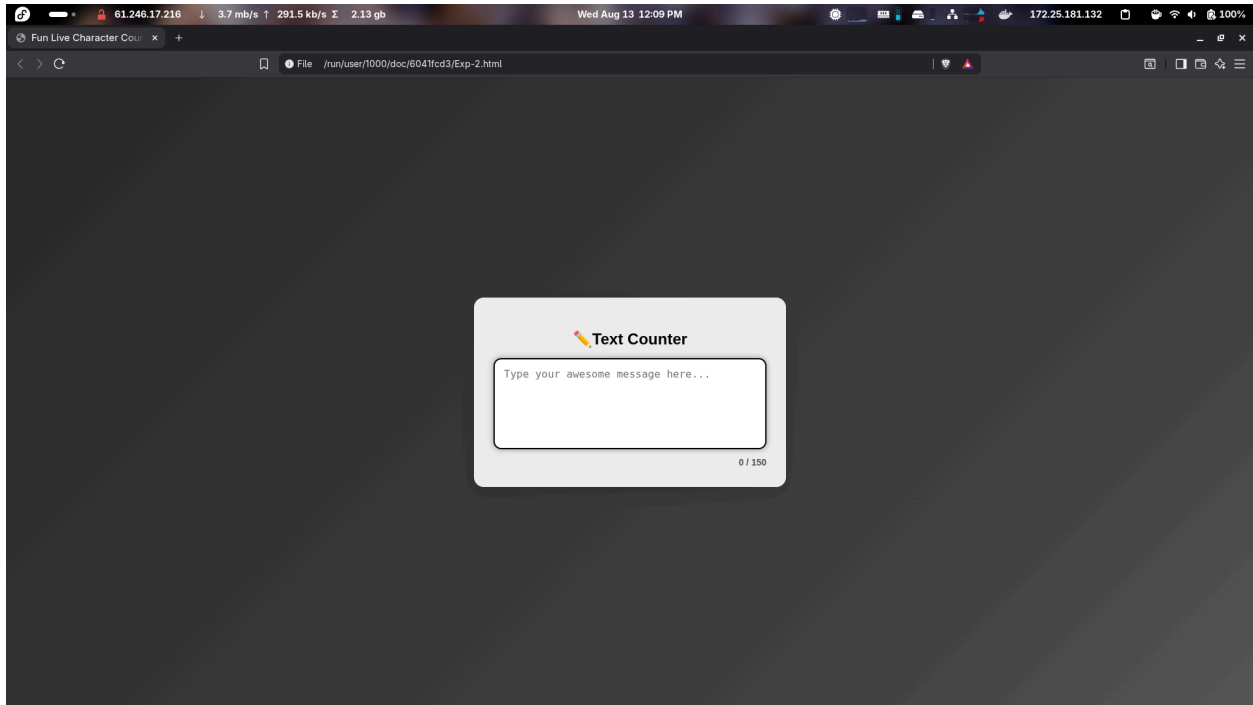
      if (currentLength >= maxLength) {
        counter.classList.add("limit-reached");
      } else {
        counter.classList.remove("limit-reached");
      }
    });
  </script>
</body>
</html>

```

# OUTPUTS:

## Exp-1:

### Basic Interface without Word Count:



### Interface after Word Count is being Done Live:

