```
<!DOCTYPE html>
<html lang="en">
   <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My One Page Website</title>
    <style>
           margin: 0;
           padding: 0;
            box-sizing: border-box;
        body {
            font-family: Arial, sans-serif;
            line-height: 1.6;
       header {
            background: #333;
            color: white;
            padding: 1rem;
            display: flex;
           justify-content: space-between;
           align-items: center;
       header h1 {
            font-size: 1.5rem;
        nav ul {
           list-style: none;
            display: flex;
       nav ul li {
            margin-left: 20px;
        nav ul li a {
           color: white;
           text-decoration: none;
```

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section {
            padding: 20px;
        .gallery {
            display: grid;
            grid-template-columns: repeat(auto-fit, minmax(180px, 1fr));
            gap: 15px;
            margin-top: 10px;
        .gallery img {
            width: 100%;
            height: 150px;
            border-radius: 8px;
            object-fit: cover;
        footer {
            text-align: center;
            padding: 1rem;
            background: #333;
            color: white;
            margin-top: 20px;
        .social-icons {
            margin-top: 10px;
        .social-icons a img {
            width: 40px;
            height: 40px;
            margin: 0 8px;
            vertical-align: middle;
            border-radius: 5px;
            transition: transform 0.3s ease;
        .social-icons a img:hover {
            transform: scale(1.1);
    </style>
<body>
```

```
<header>
       <h1>My One Page Website</h1>
       <nav>
           <u1>
               <a href="#home">Home</a>
               <a href="#gallery">Gallery</a>
               <a href="#about">About</a>
           </nav>
    </header>
    <section id="home">
       <h2>Welcome</h2>
        This is a responsive one-page website built with HTML5 and CSS3. It
includes a header, footer, navigation bar, image gallery, and social media
links.
   </section>
    <section id="gallery">
       <h2>Image Gallery</h2>
       <div class="gallery">
           <img src="https://picsum.photos/300/200" alt="random">
           <img src="https://picsum.photos/300/200" alt="random">
       </div>
    </section>
    <section id="about">
       <h2>About</h2>
       This site demonstrates the use of HTML5 semantic elements, CSS3
Flexbox, and Grid layout. It is fully responsive and adjusts to different screen
sizes without JavaScript.
    </section>
    <footer>
       © 2025 My Website. All rights reserved.
       <div class="social-icons">
           <a href="https://facebook.com" target=" blank"><img</pre>
src="https://upload.wikimedia.org/wikipedia/commons/4/44/Facebook_Logo.png"
alt="Facebook"></a>
```

## Output:

