Assignment 3

1. **Personal Portfolio Website.**

HTML (index.html)

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>My Portfolio</title>
 <link rel="stylesheet" href="style.css">
</head>
<body>
 <header>
  <nav>
   <ul>
     <li><a href="#about">About</a></li>
     <li><a href="#projects">Projects</a></li>
     <li><a href="#contact">Contact</a></li>
   </ul>
  </nav>
 </header>

 <section id="about">
  <h1>About Me</h1>
  <p>I'm a web developer passionate about creating interactive and user-friendly websites.</p>
 </section>
```

```html
  <section id="projects">
    <h1>Projects</h1>
    <div class="project">
      <h2>Project One</h2>
      <p>Description of project one.</p>
    </div>
    <div class="project">
      <h2>Project Two</h2>
      <p>Description of project two.</p>
    </div>
  </section>

  <section id="contact">
    <h1>Contact</h1>
    <form action="#" method="POST">
      <label for="name">Name</label>
      <input type="text" id="name" name="name" required>
      <label for="email">Email</label>
      <input type="email" id="email" name="email" required>
      <button type="submit">Send</button>
    </form>
  </section>

  <footer>
    <p>&copy; 2025 My Portfolio</p>
  </footer>
</body>
</html>
```

CSS

```css
body {
  font-family: Arial, sans-serif;

  margin: 0;

  padding: 0;

  box-sizing: border-box;
}


header {
  background-color: #333;

  color: white;

  padding: 10px 0;

  text-align: center;
}


nav ul {
  list-style: none;

  padding: 0;
}


nav ul li {
  display: inline;

  margin: 0 15px;
}


nav ul li a {
  color: white;
```

```css
    text-decoration: none;

  }


section {

  padding: 20px;

  margin: 20px;

}


footer {

  background-color: #333;

  color: white;

  text-align: center;

  padding: 10px 0;

}


/* Responsive Design */

@media (max-width: 600px) {

  nav ul li {

    display: block;

    margin: 10px 0;

  }

}
```

2. Blog Post Template

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Blog Post</title>
  <link rel="stylesheet" href="blog.css">
</head>
<body>
  <article>
    <header>
      <h1>Blog Post Title</h1>
      <p>By Author Name | Published on May 25, 2025</p>
    </header>

    <section>
      <p>This is the content of the blog post. It can include <strong>bold text</strong>, <em>italic text</em>, and <code>code snippets</code>.</p>
      <blockquote>
        <p>This is a blockquote.</p>
      </blockquote>
    </section>
  </article>
</body>
</html>
```

CSS

```css
body {
  font-family: 'Georgia', serif;
  line-height: 1.6;
  margin: 0;
  padding: 0;
  background-color: #f4f4f4;
}

article {
  background-color: white;
  margin: 20px auto;
  padding: 20px;
  max-width: 800px;
  border-radius: 8px;
}

header h1 {
  font-size: 2.5em;
  margin-bottom: 0.5em;
}

header p {
  font-size: 1em;
  color: #777;
}
```

```css
section {
  margin-top: 20px;
}

blockquote {
  background-color: #f9f9f9;
  border-left: 5px solid #ccc;
  padding: 10px;
  margin: 20px 0;
}

code {
  background-color: #f5f5f5;
  padding: 2px 4px;
  font-family: 'Courier New', Courier, monospace;
}
```

3. Quiz App (Multiple Choice)

HTML

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Quiz App</title>
  <link rel="stylesheet" href="quiz.css">
</head>
<body>
  <div id="quiz-container">
    <h1>Quiz Title</h1>
    <form id="quiz-form">
      <div class="question">
        <p>Question 1: What is 2 + 2?</p>
        <label><input type="radio" name="q1" value="a"> 3</label>
        <label><input type="radio" name="q1" value="b"> 4</label>
        <label><input type="radio" name="q1" value="c"> 5</label>
      </div>
      <button type="submit">Submit</button>
    </form>
    <div id="result" style="display: none;">
      <p>Your score: <span id="score"></span></p>
    </div>
  </div>
  <script src="quiz.js"></script>
```

```
</body>

</html>
```

CSS

```css
body {
  font-family: Arial, sans-serif;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  margin: 0;
  background-color: #f4f4f4;
}

#quiz-container {
  background-color: white;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}

.question {
  margin-bottom: 15px;
}

button {
  background-color: #333;
  color: white;
  padding: 10px 20
```

::contentReference{index=0}

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