

This screenshot shows the VS Code editor with the `index.html` file open. The Explorer sidebar on the left shows the project structure, including files like `index.html`, `form.html`, and various CSS files. The main editor area displays the HTML code, which includes a DOCTYPE declaration, a `<html>` tag with `lang="en"`, a `<head>` section with meta tags for charset, description, keywords, and title, and a `<link>` tag for a stylesheet. The `<body>` section contains a `<header>` with an image and a shadow class, a `<h1>` with a shadow class, a `<h2>` with a shadow class, a `<div>` with a shadow class, a `<nav>` with a `` list, and a `<div>` with a shadow class.

This screenshot shows the VS Code editor with the `main.css` file open. The Explorer sidebar on the left shows the project structure, including files like `index.html`, `form.html`, and various CSS files. The main editor area displays the CSS code, which includes a `html` selector with a background image, a `body` selector with font-family, font-size, width, background-color, margin, padding, border, border-radius, box-shadow, and margin-left, a `h1` selector with font-size, color, and text-indent, a `h2` selector with font-size, color, and text-indent, a `img` selector with float and margin-left, and a `shadow` selector with text-shadow.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>jlwong1125.github.io/jsdemo</title>
8 </head>
9 <body>
10  <h1>The Test Scores App</h1>
11  <script src="test_scores.js"></script>
12  <h1>The Miles Per Gallon Calculator</h1>
13  <script>
14    const miles = parseInt(prompt("Enter miles driven"));
15    const gallons = parseInt(prompt("Enter gallons of gas used"));
16    const mpg = parseFloat(miles/gallons);
17    const html2 = `<p>miles: ${miles}</p>`;
18    <p>gallons: ${ (method) Number.toFixed(fractionDigits?: number | undefined): string
19    document.write(html2);
20  </script>
21  <h1>The Rectangle Area Calculator</h1>
22  <script>
23    const width = parseFloat(prompt("Enter a width of a rectangle"));
24    const height = parseFloat(prompt("Enter a height of a rectangle"));
25    const area = parseFloat(width*height);
26    const html3 = `<p>width: ${width.toFixed(3)}</p>
27    <p>height: ${height.toFixed(3)}</p>
28    <p>Area: ${area.toFixed(3)}</p>`;
29    document.write(html3);
30  </script>
31 </body>
32 </html>
```

```
1 <html lang="en">
2 <head>
3   <link
4   </head>
5   <body>
6     <header>
7       <nav id="nav_menu">
8         <ul>
9           <li><a href="index.html">Home</a></li>
10          <li><a href="project.html">Project A</a></li>
11          <li><a href="menu.html" class="current">Project B</a></li>
12          <li><a href="#" class="lastitem">About Us</a></li>
13        </ul>
14      </nav><br>
15      <h1>Research Project B</h1><br><br>
16    </header>
17    <main>
18      <article>
19        <a href="https://www.nasa.gov"></a>
20        <h2 id="Intro">Introduction</h2>
21        <p>magna eget est lorem ipsum dolor sit amet consectetur adipiscing elit pellentesque habitant morbi tristique sene
22        <h2 id="Background">Background</h2>
23        <p>magna eget est lorem ipsum dolor sit amet consectetur adipiscing elit pellentesque habitant morbi tristique sene
24        <h2 id="Method">Method</h2>
25        <p>magna eget est lorem ipsum dolor sit amet consectetur adipiscing elit pellentesque habitant morbi tristique sene
26        <h2 id="Analysis">Analysis</h2>
27        <p>magna eget est lorem ipsum dolor sit amet consectetur adipiscing elit pellentesque habitant morbi tristique sene
28        <h2 id="Results">Results</h2>
29        <p>magna eget est lorem ipsum dolor sit amet consectetur adipiscing elit pellentesque habitant morbi tristique sene
30        <h2 id="Discussion">Discussion</h2>
31        <p>magna eget est lorem ipsum dolor sit amet consectetur adipiscing elit pellentesque habitant morbi tristique sene
32      </article>
33      <aside>
34        <ol>
35          <li><a href="#Intro">Introduction</a></li>
```