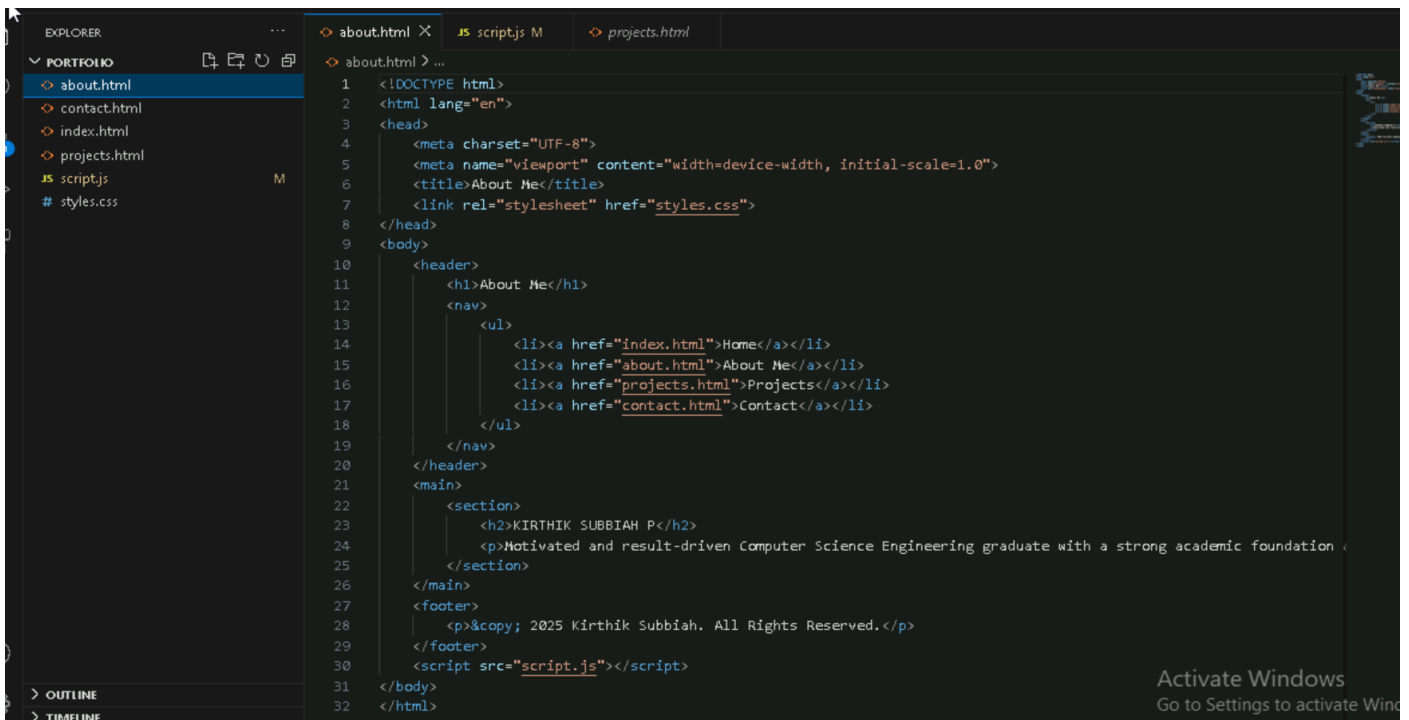


## Beginners project

### Step 1: Create HTML Files

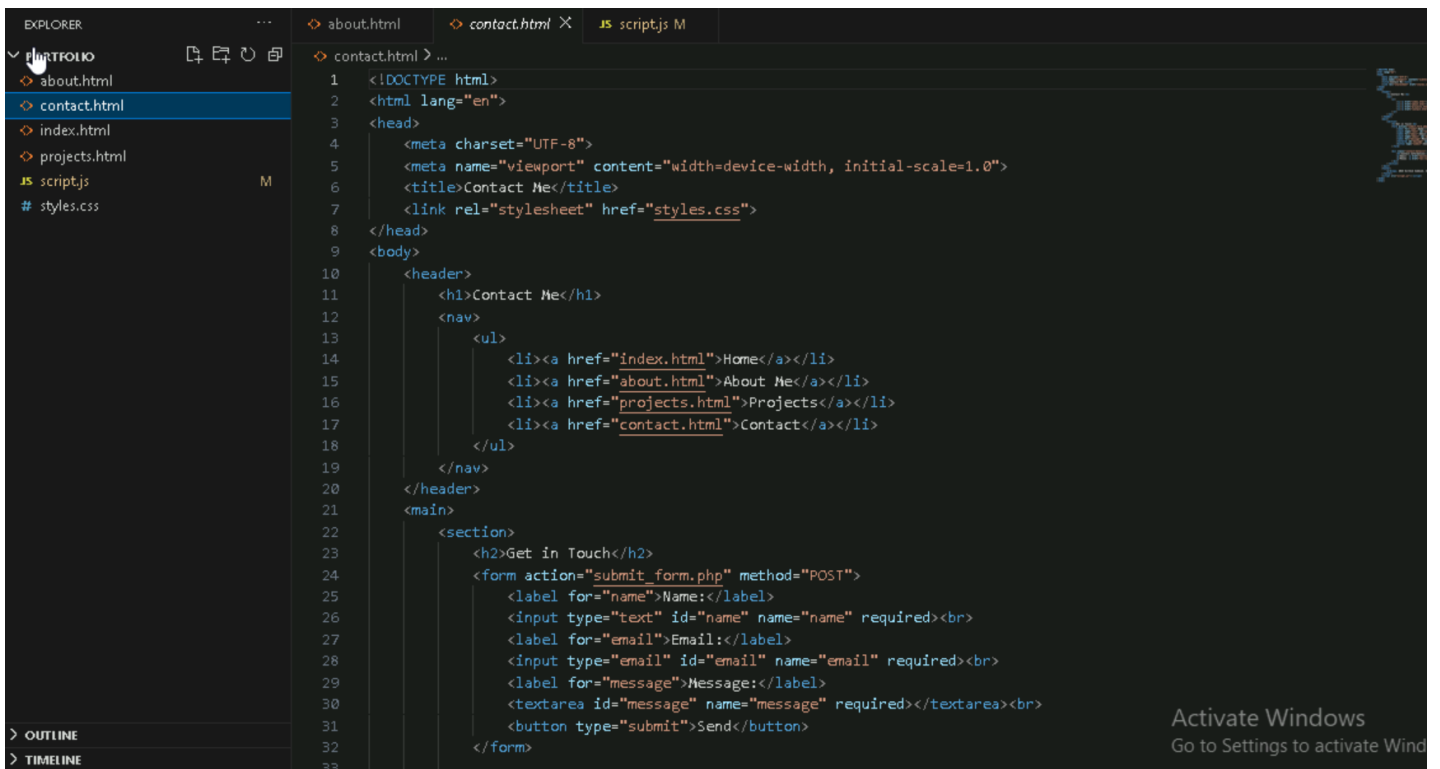
#### a.about.html



The screenshot shows a Visual Studio Code editor with a portfolio project open. The Explorer sidebar on the left lists files: about.html, contact.html, index.html, projects.html, script.js, and styles.css. The main editor displays the content of 'about.html'.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>About Me</title>
7   <link rel="stylesheet" href="styles.css">
8 </head>
9 <body>
10  <header>
11    <h1>About Me</h1>
12    <nav>
13      <ul>
14        <li><a href="index.html">Home</a></li>
15        <li><a href="about.html">About Me</a></li>
16        <li><a href="projects.html">Projects</a></li>
17        <li><a href="contact.html">Contact</a></li>
18      </ul>
19    </nav>
20  </header>
21  <main>
22    <section>
23      <h2>KIRTHIK SUBBIAH P</h2>
24      <p>Motivated and result-driven Computer Science Engineering graduate with a strong academic foundation</p>
25    </section>
26  </main>
27  <footer>
28    <p>&copy; 2025 Kirthik Subbiah. All Rights Reserved.</p>
29  </footer>
30  <script src="script.js"></script>
31 </body>
32 </html>
```

#### b.contact.html



The screenshot shows a Visual Studio Code editor with the same portfolio project. The Explorer sidebar now highlights 'contact.html'. The main editor displays the content of 'contact.html'.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Contact Me</title>
7   <link rel="stylesheet" href="styles.css">
8 </head>
9 <body>
10  <header>
11    <h1>Contact Me</h1>
12    <nav>
13      <ul>
14        <li><a href="index.html">Home</a></li>
15        <li><a href="about.html">About Me</a></li>
16        <li><a href="projects.html">Projects</a></li>
17        <li><a href="contact.html">Contact</a></li>
18      </ul>
19    </nav>
20  </header>
21  <main>
22    <section>
23      <h2>Get in Touch</h2>
24      <form action="submit_form.php" method="POST">
25        <label for="name">Name:</label>
26        <input type="text" id="name" name="name" required><br>
27        <label for="email">Email:</label>
28        <input type="email" id="email" name="email" required><br>
29        <label for="message">Message:</label>
30        <textarea id="message" name="message" required></textarea><br>
31        <button type="submit">Send</button>
32      </form>
33    </section>
34  </main>
35 </body>
36 </html>
```

## c.index.html

```
index.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>My Personal Website</title>
7      <link rel="stylesheet" href="styles.css">
8  </head>
9  <body>
10     <header>
11         <h1>Welcome to My Personal Website</h1>
12         <nav>
13             <ul>
14                 <li><a href="index.html">Home</a></li>
15                 <li><a href="about.html">About Me</a></li>
16                 <li><a href="projects.html">Projects</a></li>
17                 <li><a href="contact.html">Contact</a></li>
18             </ul>
19         </nav>
20     </header>
21     <main>
22         <section>
23             <h2>Welcome!</h2>
24             <p>Hi! I'm Kirthik Subbiah, a passionate computer science graduate with a love for problem-solving and learning new technologies.</p>
25         </section>
26     </main>
27     <footer>
28         <p>&copy; 2025 Kirthik Subbiah. All Rights Reserved.</p>
29     </footer>
30     <script src="script.js"></script>
31 </body>
32 </html>
```

Activate Windows  
Go to Settings to activate Windows.

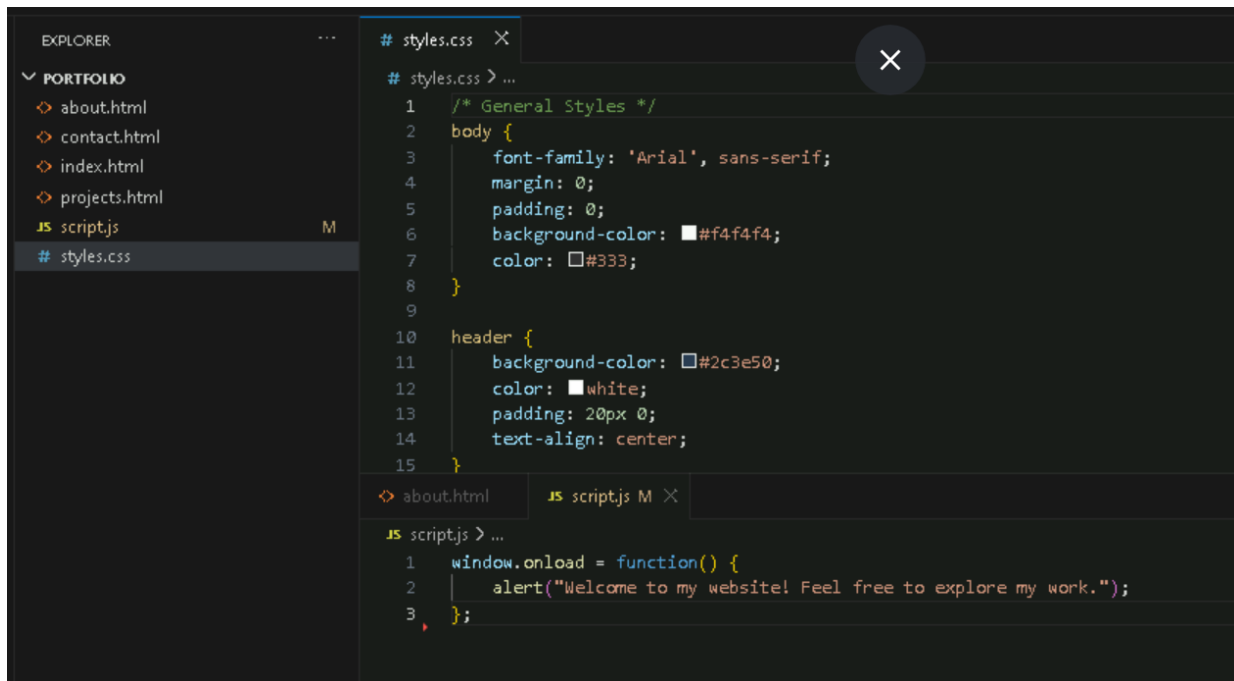
## d.project.html

```
EXPLORER
PORTFOLIO
  about.html
  contact.html
  index.html
  projects.html
  script.js
  styles.css

about.html  projects.html X  JS script.js M
projects.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>My Projects</title>
7      <link rel="stylesheet" href="styles.css">
8  </head>
9  <body>
10     <header>
11         <h1>My Projects</h1>
12         <nav>
13             <ul>
14                 <li><a href="index.html">Home</a></li>
15                 <li><a href="about.html">About Me</a></li>
16                 <li><a href="projects.html">Projects</a></li>
17                 <li><a href="contact.html">Contact</a></li>
18             </ul>
19         </nav>
20     </header>
21     <main>
22         <section>
23             <h2>Project 1: YOLOv8 LIVE</h2>
24             <p>Real-time Object Detection on Webcam Feeds using YOLOv8. This project enables the identification of objects in real-time video feeds.</p>
25         </section>
26     </main>
27     <footer>
28         <p>&copy; 2025 Kirthik Subbiah. All Rights Reserved.</p>
29     </footer>
30     <script src="script.js"></script>
31 </body>
```

Activate Windows

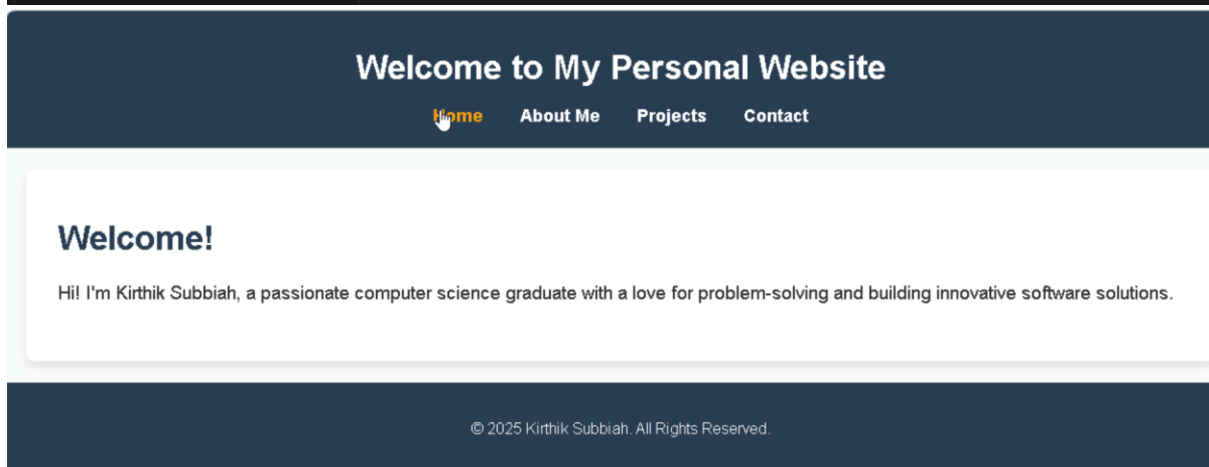
## Step 2: Create CSS File (styles.css)

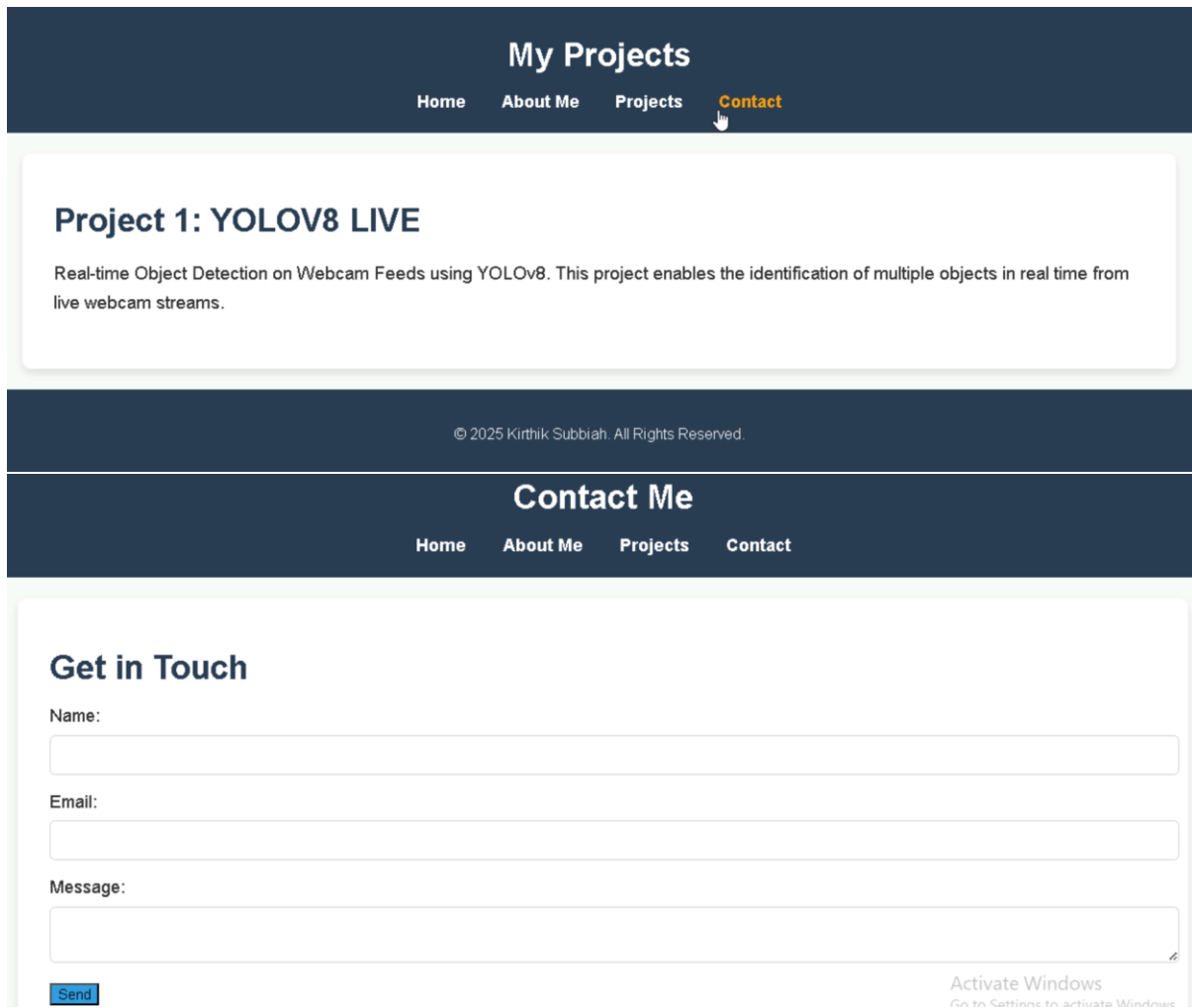


The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar shows a project named 'PORTFOLIO' with files 'about.html', 'contact.html', 'index.html', 'projects.html', 'script.js', and 'styles.css'. The 'styles.css' file is selected. The main editor area shows the content of 'styles.css' and 'script.js'.

```
# styles.css > ...
1  /* General Styles */
2  body {
3      font-family: 'Arial', sans-serif;
4      margin: 0;
5      padding: 0;
6      background-color: #f4f4f4;
7      color: #333;
8  }
9
10 header {
11     background-color: #2c3e50;
12     color: white;
13     padding: 20px 0;
14     text-align: center;
15 }

JS script.js > ...
1  window.onload = function() {
2      alert("Welcome to my website! Feel free to explore my work.");
3  };
```





### Step 3: Initialize Git Repository

1. **Open Terminal/Command Prompt** and navigate to your project folder:

**Initialize Git:** Run the following command to initialize a new Git repository:

### Step 4: Stage and Commit Your Files

1. **Stage the files** (add all files to the staging area):

```
git add .
```

2. **Commit your changes** with the message "Initial commit":

```
git commit -m "Initial commit"
```

### Step 6: Create a Remote Repository on GitHub (or another platform)

1. Go to GitHub, create a new repository (e.g., "portfolio").

2. Follow the instructions to link your local repository to the remote one. Example:

```
git remote add origin
https://github.com/kirthiksubbiah/portfolio/.git/
```

```
PS C:\Users\Administrator\Downloads\portfolio> git init
Reinitialized existing Git repository in C:/Users/Administrator/Downloads/portfolio/.git/
PS C:\Users\Administrator\Downloads\portfolio> git add .
PS C:\Users\Administrator\Downloads\portfolio> git commit -m "initial commit"
[main 607f8ff] initial commit
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\Administrator\Downloads\portfolio> git remote add origin "https://github.com/kirthiksubbiah/portfolio.git"
error: remote origin already exists.
PS C:\Users\Administrator\Downloads\portfolio> git branch -m main
PS C:\Users\Administrator\Downloads\portfolio> git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 278 bytes | 278.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/kirthiksubbiah/portfolio.git
d591c17..607f8ff main -> main
PS C:\Users\Administrator\Downloads\portfolio> |
```

## Step 7: Push Your Changes to Remote Repository

1. Push the code to the remote repository:

```
git push origin master
```

The screenshot shows a GitHub repository page for a user named 'kirthiksubbiah' with the repository name 'portfolio'. The repository is public and has 1 branch (main) and 0 tags. The file list shows several files: about.html, contact.html, index.html, projects.html, script.js, and styles.css, all with an 'initial commit' and pushed 39 minutes ago. The commit history shows a single commit 'initial commit' by 'kirthiksubbiah' at 607f8ff, pushed 2 minutes ago. The right sidebar shows the 'About' section with no description, website, or topics provided, and the 'Releases' section with no releases published.

File	Commit	Time
about.html	initial commit	39 minutes ago
contact.html	initial commit	39 minutes ago
index.html	initial commit	39 minutes ago
projects.html	initial commit	39 minutes ago
script.js	initial commit	2 minutes ago
styles.css	initial commit	39 minutes ago