

Simple Calculator Project – Documentation

1. Project Overview

This project demonstrates how to create and deploy a simple calculator using HTML, CSS, and JavaScript. The calculator performs basic arithmetic operations and can be deployed online using GitHub Pages.

2. Technologies Used

- HTML – Structure of the calculator
- CSS – Styling and layout
- JavaScript – Calculator logic and operations
- GitHub Pages – Online deployment

3. File Structure

```
calculator/  
■■■■ index.html  
■■■■ style.css  
■■■■ script.js
```

4. HTML Code (index.html)

```
<!DOCTYPE html>  
<html>  
<head>  
  <title>Calculator</title>  
  <link rel="stylesheet" href="style.css">  
</head>  
<body>  
  <div class="calculator">  
    <input type="text" id="display" disabled>  
    <!-- Buttons -->  
  </div>  
  <script src="script.js"></script>  
</body>  
</html>
```

5. CSS Code (style.css)

```
.calculator {  
  width: 260px;  
  background: #222;  
  padding: 20px;  
  border-radius: 10px;  
}
```

6. JavaScript Code (script.js)

```
function calculate() {  
  display.value = eval(display.value);  
}
```

7. Running the Project Locally

Open the index.html file in any modern web browser such as Chrome, Edge, or Firefox.

8. Deploying Using GitHub Pages

Upload the project files to a GitHub repository, enable GitHub Pages from repository settings, and access the project using the provided GitHub Pages URL.