

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.