

DAY-8

Building a Simple Web Page with HTML, CSS, and JavaScript

– *HTML FILE (index.html):*

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Simple Web Page</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <header>
    <h1>Welcome to My Simple Web Page!</h1>
  </header>

  <section>
    <p>This is a simple webpage demonstrating HTML, CSS, and
JavaScript.</p>

    <button id="clickMeButton">Click Me!</button>

    <p id="result"></p>
  </section>

  <footer>
    <p>Made with ❤️ by Het Dabhi</p>
    <p><a href="https://github.com/hetdabhi" target="_blank">Visit my
GitHub</a></p>
  </footer>

  <script src="main.js"></script>
</body>
</html>
```

– CSS FILE (styles.css):

```
/* Basic reset */
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

body{
  font-family: Arial, sans-serif;
  background-color: #f0f0f0;
  color: #333;
  padding: 20px;
}

header{
  background-color: #4CAF50;
  color: white;
  padding: 20px;
  text-align: center;
}

h1{
  font-size: 2em;
}

section{
  margin-top: 20px;
  text-align: center;
}

button{
  background-color: #008CBA;
  color: white;
  padding: 10px 20px;
  border: none;
  border-radius: 5px;
  cursor: pointer;
  font-size: 1em;
}
```

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```
button:hover {
    background-color: #005f73;
}

footer {
    margin-top: 40px;
    text-align: center;
    font-size: 0.9em;
    color: #777;
}

footer a {
    color: #008CBA; /* Link color */
    text-decoration: none; /* Remove underline */
}

footer a:hover {
    text-decoration: underline; /* Underline on hover */
}
```

– **JAVASCRIPT FILE (main.js):**

```
document.getElementById('clickMeButton').addEventListener('click', function() {
    document.getElementById('result').innerHTML = 'You clicked the button!';
});
```