



## Day 2

# “Web Development + Security”

### My First HTML Website:

A perfect and simple well-balanced website needs to be created using the HTML, CSS and JS:

The screenshot shows a VS Code editor with three tabs: index.html, style.css, and script.js. The index.html file is open, showing the following code:

```
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>Document</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10   Hey
11 </body>
12 </html>
```

The browser preview on the right shows the word "Hey" on a light blue background.

Here is the style.css:

The screenshot shows a VS Code editor with three tabs: index.html, style.css, and script.js. The style.css file is open, showing the following code:

```
1 body {
2   background-color: lightblue;
3 }
```

The browser preview on the right shows the word "Hey" on a light blue background.

In case we want to include the script.js:

The screenshot shows a VS Code editor with three tabs: index.html, style.css, and script.js. The script.js file is open, showing the following code:

```
1 alert("Hey Aditya")
```

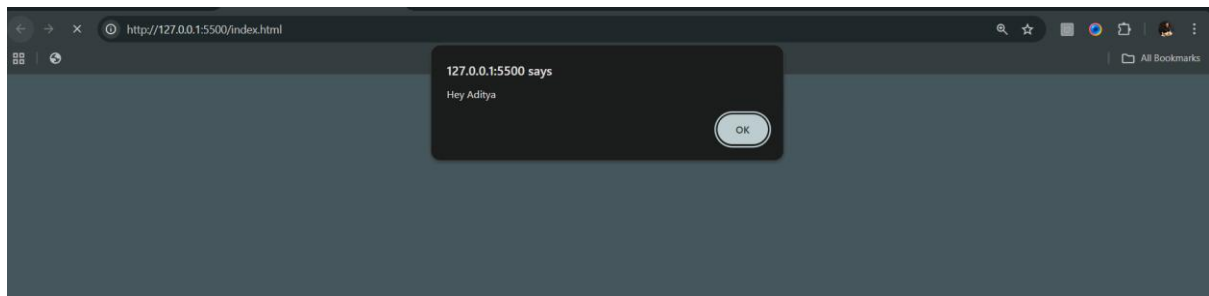
Including this script.js to index.html:

Just write this before the end of </body> tag

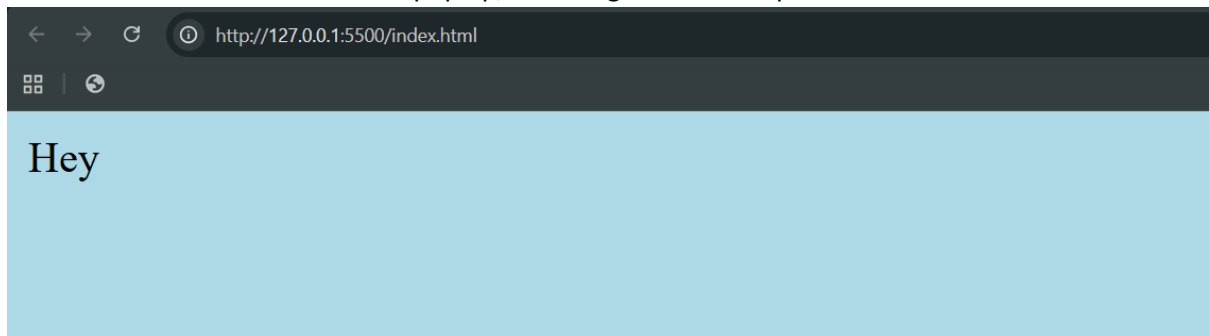
<script src="script.js"></script>

```
index.html X style.css JS script.js
index.html > 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>Document</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10   Hey
11 <script src="script.js"></script>
12 </body>
13 </html>
```

Output:



When we click “Ok” button of the pop up, following screen will open:



## Basic Structure of an HTML Website

A basic html website will look like this:

```
index.html > 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 Website</title>
7  </head>
8  <body>
9      <h1>Welcome to My Website</h1>
10     <p>This is a basic HTML page.</p>
11 </body>
12 </html>
```

Explanation (in short):

- <!DOCTYPE html> → tells the browser it's HTML5.
- <html> → root element.
- <head> → contains metadata (title, charset, links, etc.).
- <body> → contains visible content (text, images, links, etc.).

--The End--