

Introduction to CSS

HTML is just an skeletal layout of a website. We need CSS to design a website, add styles to it and make it look beautiful.

What is CSS

CSS stands for cascading style sheets

CSS is optional but it converts an off looking HTML page into a beautiful & responsive website

Installing VS Code

We will use Microsoft Visual Studio Code as a tool to edit our code. It is very powerful, free and customizable

Why Learn CSS?

CSS is a very demanded skill in the world of web development. If you are successfully able to master CSS, you can customize your websites as per your liking.

Your first line of CSS

Create a .css file inside your directory and add it to your HTML. Add the following line to your CSS

```
body {  
    background-color: red;  
}
```

This will make your page background as red.

HTML Refresher

HTML is a bunch of tags used to lay the structure of a page.

Download HTML notes as part of these notes for a detailed deepdive. If you know basic HTML, continue!

Chapter 1 - Creating our first CSS Website

We will create our first CSS website in this section.

What is DOM?

DOM stands for document object model. When a page is loaded, the browser creates a DOM of the page which is constructed as a tree of Objects.

HTML id and class attributes

When an HTML element is given an id, it serves as a unique identifier for that element.

On the other hand, when an HTML element is given a class, it now belongs to that class. More than one elements can belong to a single class but every element must have a unique id (if assigned).

We can add multiple classes to an element like this

`<div id = "first" class = "C1 C2 C3" >`
 ^{unique id}
 _{o o o}
`</div>`

↳ multiple classes followed by spaces

Three ways to add CSS to HTML

There are 3 ways to add CSS to HTML:

- 1> `<style>` tag → Adding `<style> o o o </style>` to HTML
- 2> Inline CSS → Adding CSS using style attribute
- 3> External CSS → Adding a stylesheet (.css) to HTML using `<link>` tag.