

## 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

<sup>unique id</sup>  
<div id = "first" class = "C1 C2 C3" >  
    ...  
</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> ... </style> to HTML
- 2> Inline CSS → Adding CSS using style attribute
- 3> External CSS → Adding a stylesheet (.css) to HTML using <link> tag.