

Welcome Geeks

Topics to be covered

- Introduction to HTML & CSS
- Understanding the basics of web development
- Introduction to HTML tags and attributes

Introduction to Front End

A front-end web developer creates the visual representation of a user's request within a browser.



Frontend Technologies

- HTML
- CSS
- JavaScript
- JavaScript Libraries & Frameworks such as jQuery, ReactJS, Angular, Vue

What is HTML?

- HyperText Markup Language
- Not a programming language (no logic, control structures, etc)
- Markup is for creating web pages/documents viewable inside of a web browser
- Extremely important & relevant

What is CSS?

- Cascading stylesheet
- Styling Language
- Used for styling HTML elements
- Purely to give a visually appealing look to a website

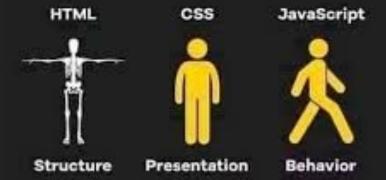
HTML/CSS

- HTML = Content Display/Structure
- CSS = Style & Design

What can HTML/CSS do?

- Build static websites Portfolios, small business sites, informational websites, etc
- Build the visual part of anything Stores, social networks, etc.





IDE

- VS Code

https://code.visualstudio.com/download

HTML Tags

- Elements surrounded in angular brackets <>
- Usually have a start and end tag
- Some are self closing

```
Start & End Tag

<h1>Hello</h1>
Welcome to my website
Self Closing Tags
<br/>
<br/>

<h2 > Valid in HTML5
```

HTML Basic layout

Live Server Extension

Meta tags





Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait nulla facilisi. Nam liber tempor cum soluta nobis eleifend ontion consue nihil imperdiet domino.

Without the viewport meta tag

With the viewport meta tag

Typography

Links & Images

Lists & Tables

Forms & Inputs

Inline and Block Elements

- A block-level element always starts on a new line, and the browsers automatically add some space (a margin) before and after the element.
 - A block-level element always takes up the full width available (stretches out to the left and right as far as it can).

 Example p tag
- An inline element does not start on a new line.
 An inline element only takes up as much width as necessary.
 Example span, a

id & classes

HTML Semantic elements

