

# Intro to Web Dev

1. Html,Css basic work
2. Html in vs code
3. Html tags,elements and attributes
4. Basic index.html
5. introduction to basic tags of html
6. Introduction to basic css properties
7. Creating a simple project(A Portfolio website) using html and css
8. Doubts and Discussion

# HTML

HTML provides the fundamental building blocks for structuring Web documents and apps.



# CSS

Cascading Style Sheets are used to describe the appearance of Web documents and apps.



# Tags, Elements and Attributes

## Elements

An element is a single 'chunk' of code comprising of an opening and closing tag.

```
<div>This is a div element</div>
```

This is a `div` element. Not a `div` tag.

Some elements have only one, self-closing tag:

```
<img />
```

# Tags, Elements and Attributes

## Tags

Tags are the bits that make up elements. `<div>` is a tag. An opening and closing tag makes an element:

```
<div>  
</div>
```

# Tags, Elements and Attributes

## Attributes

An attribute is a piece of code attached to a tag which supplies additional information:

```
<div class="class1">This is a div element</div>
```

# Some Important Tags:

- Heading tag
- Paragraph tag
- Anchor tag
- Img tag
- Br tag
- Bold, Italic and Underline tag
- Big and Small tag
- Hr tag
- Subscript and Superscript tag
- Pre tag

# Page Layout Technique

Semantic tags:

Header, Main, Footer

Section tag

Article tag

Aside tag(ads)



# Page Layout Technique

Non Semantic tags:

Div tag(block level element)

Span tag(inline level element)

# Lists, Forms and Tables

## Lists:

- Ordered list
- Unordered list
- Ol, Ul and Li tag

# Lists, Forms and Tables

## Tables:

- Table tag
- Tr tag
- Th tag
- Td tag
- Caption tag
- Table head tag
- Table body tag
- Rowspan and Colspan

# Lists, Forms and Tables

## Forms:

- Form tag
- Input tags
- Label tag
- Select tag

# Some Interesting tags

- Iframe tag
- Video tag
- Audio tag
- Fieldset and legend tag
- Abbr tag
- Datalist tag
- Details and summary tag
- Figure and Figcaption tag

# CSS

CSS can be added to HTML documents in 3 ways:

- Inline - by using the `style` attribute inside HTML elements
- Internal - by using a `<style>` element in the `<head>` section
- External - by using a `<link>` element to link to an external CSS file

# CSS Fundamental Properties

- Color
- Font-Family
- Font Size
- Border
- Padding
- Margin
- Height
- Width etc.

# CSS Selector

- Element Selector: `h1{}`
- Class Selector: `.class1{}`
- Id Selector: `#id1{}`