

HTML

Hyper Text Markup Language

HTML consists of tags/elements

Tim Berners-Lee invented HTML(HTML v5 stable)

Uses of HTML

- To create structure of web page
- Tells the browser how to display the content

Structure of HTML

```
<!DOCTYPE html>
<html>
  <head>
    <meta/>
    <title>Document</title>
    <link />
    <style>
      ...
    </style>
    <script>
      ...
    </script>
  </head>
  <body>
    ...
  </body>
</html>
```

- **Meta tag** gives information about the html file
- **Title tag** gives title for the web page
- **Link tag** links external CSS file and adds icon before the page title
- **Style tag** used to write CSS inside HTML
- **Script tag** used to link external JavaScript and also to write JavaScript inside HTML
- **Heading tag** (h1,h2,h3,h4,h5,h6)

Types of tags

- Formatting tag
- Inline tag
- Semantic tag

Formatting Tag

- `` tag (Bold style)
- `` tag (Italic style)
- `` tag (Bold content)
- `<small>` tag (Small content style)
- `<sup>` tag
- `<sub>` tag
- `<pre>` tag

Inline Tags

- Takes required space
- Does not starts with new line
- Does not have any default margins
- `` tag
- `` tag

Block Tags

- Takes entire width of the page
- Has default margins
- Starts with a new line
- `<p>` tag
- `<div>` tag
- Heading tags (h1,h2,h3,h4,h5,h6)

Semantic Tags

- `<table>` tag

- `<form>` tag