

## Chapter 1 creating our first website

We start building a website by creating a file named index.html index.html is a special filename which is presented when the website root address is typed.

### A Basic HTML Page

```
<!DOCTYPE html>  -----> specifies this is an html 5 doc
<html >  ----- > root of an HTML page

<head>
  <title>Chapter 1 in Html </title>  contain title
</head>

<body>          --> The main body of the page rendered by the browser.

</body>  ----> closing body

</html>
```

.A tag is like a container for either content or other HTML tags.

HTML Document      ==>      Browser      ==>      Rendered Page

### Important Notes

- Head & body tags are children of HTML tag.
- HTML is the parent of head & body tags/
- Most of the HTML elements have opening & closing tag with content in between opening & closing tags.
- Some HTML tags have no Content. There are called empty elements eg <br> <hr>
- We can either use .htm or html extension.

- You can use inspect Element or view page source options from chrome to look into a website's HTML code.

HTML element = start tag+ content + End tag

## Comment in HTML

Comments in HTML are used to mark text which should not be parsed. They can help document the source code.

<!-- HTML Comment -->

## Case Sensitivity

HTML is a case insensitive language <H2> and <h2> tags are the same.

## Source Code:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Chapter 1 in Html </title>
</head>

<body>

  <h1>This is a heading</h1>
  <p> This is a paragraph </p>
```

```
<!-- this is a html comment -->
<p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Repellat earum
molestiae esse ipsam!</p>

<H3>This is not recommended use small letters</H3>
</body>
</html>
```

Thank You