

Chapter - 1

What is Html?

- html stands for Hypertext markup language.
- html is standard markup language for creating web pages
- html is used to create a skeleton of the webpage
- html consist of Series of element
- html element tells the Browser how to display the content

worlds simplest. html code/snippet.

```
</DOCTYPE html> //file type declaration
<html> //root element of the web page
<head> // contains metadata
<title> Page title </title>
</head> // title of webpage (seen on browser title bar)
<body> // container of all visible element
    <h1> this is Heading </h1>
    <p> My first Heading </p>
</body> // large Heading text
</html> // element define paragraph
```

What is an Html element?

an html element defined By start & end tag, some content & an end tag.

`<tagname> Content Goes Here... </tagname>`

Start tag	element content	end tag
<h1>	My first Heading	</h1>
<p>	this paragraph	</p>
 	none	none

Some HTML elements have no content (like `
` element)
these element called as Empty element.

HTML Elements

HTML element is everything from start tag to end tag

Nested HTML Elements

HTML elements can be nested, means that one element can contain another element.

All HTML documents consist of nested HTML elements

*** like in Above section we seen that How HTML elements are nested

Like, `<html>` element is the root element, inside the `<html>` tag we have `<head>`, `<title>`, `<body>` & many other tags. this is nothing But the nesting

*** Never Skip the end tag, even if you forgot to add end tag. the HTML will detect & apply end tag. But don't rely on it.

Empty HTML elements

HTML element with no content in it, called as empty element.

`
` tag is used for line Break. & it Has no content, so it is empty element

Case Sensitivity

HTML tags are not case sensitive

`<p>` == `<P>`

- HTML standard does not requires lowercase tag. But

- W3C recommends lowercase for HTML element