

Structure of HTML page

HTML page/document is divided into three sections.

1. Document Version
2. Head
3. Body

<!DOCTYPE>

<!DOCTYPE> is also called document type definition.

<!DOCTYPE> is used to define HTML version used to prepare HTML document.

Syntax of HTML5

<!DOCTYPE html>

This syntax tells the browser this document is prepared using HTML5 Version.

This tag is appeared top of the web page

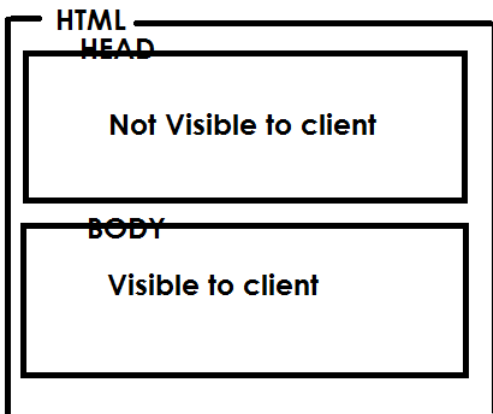
This tag is used by browser.

<html>...</html>

<html> is root tag of every webpage or web document

All other tags or elements are placed within <html> tag.

<html lang="en-US">



<HEAD>...</HEAD>

<head> tag is used to define meta data

<head> is called global scope/section.

Whenever webpage is loaded within browser, browser executes head section.

<head> is not displayed client.

The following are sub tags used within <head> tag.

<title>...</title>

This tag define title of web page. This title is shown on title bar.

Every webpage is having one title.

```
<!DOCTYPE html>
<html>
<head>
<title>Best Training in C,C++,Java </title>
</head>
</html>
```

<style>...</style>

This tag is used to define css (cascading style sheet) styles

```
<!DOCTYPE html>
<html>
<head>
<title>Best Training in C,C++,Java </title>
<style>
h1 {
    color: #1c87c9;
}
</style>
</head>
<body>
<h1>Welcome to HTML Class </h1>
</body>
</html>
```

<base>

The <base> tag has recently become part of HTML5. It defines an absolute (base) URL for all the relative URLs in the HTML document. This tag also determines how links in the current document must be opened (in a new window, in the current window, etc.).

```
<html>
  <head>
    <title>HTML base tag</title>
    <base href="https://www.nareshit.com/" target="_blank">
  </head>
  <body>
    <a href="/index.html">index</a>
  </body>
</html>
```

<script>...</script>

The HTML <script> tag declares client-side script (JavaScript) in an HTML document. When defining a client-side script the script tag is used for image manipulation, form validation, and dynamic changes of content.

```
<script src="javascript">
Declaring variables
Defining functions
Defining classes
</script>
```

DOM (Document Object Model)
BOM (Browser Object Model)

<meta>

The <meta> tag contains metadata, which specifies page description, keywords, author of the document, etc. The metadata is

used by browsers, search engines, and other web services, and isn't displayed on the web page.

Define the keyword for the search engines:

```
<meta name="keywords" content="HTML, CSS, XML, XHTML,  
JavaScript">
```

Define the website description:

```
<meta name="description" content="Tutorials on HTML, CSS and  
PHP">
```

Define the author of the page:

```
<meta name="author" content="nareshit">
```

Refresh the document every one minute (60 seconds):

```
<meta http-equiv="refresh" content="60">
```