

8/6/2020

DATE:

CIA-1

Anandhi C  
1947125  
DATE: PAGE:

## HTML5 Document Structure

Purpose :: It is the standard programming language for describing the contents and appearance of web pages.

These days all major browsers (Chrome, Safari, Firefox, Opera and IE)

They have amazing benefits of HTML5.

- \* Cross Browser compatibility
- \* New DOCTYPE declaration
- \* Bring improvements in usability and user experience.
- \* Alternative to Flash and Silverlight.
- \* Heavily used for mobile apps and games.
- \* Clean markup and Improved code.
- \* Offline Browsing.

Structure :: New tags were added as part of HTML5 to define the structure and content of web page.

They are ::

- |           |           |         |
|-----------|-----------|---------|
| * header  | * main    | * nav   |
| * article | * section | * aside |
| * address | * footer  |         |

- \* header :: The header element is used to contain the contents that appears at the top of every page of your website.



- \* <main>: Use the main element between header and footer elements to contain the primary contents of your web page.

The main element cannot be a descendant of an article, aside, header, footer, or nav element.

- \* <nav>: Navigational menus are commonly placed at the top of a web page, in a sidebar or in the page footer.

- \* <article>: In your website include blog posts, articles, or any other content that could just as well appear on another website or syndicated content, wrap the contents in an article.

- \* <section>: The section element is used to identify content that is a major sub section of a larger whole.

Use section if you would list the content as an item when writing out an outline of the document.

- \* <aside>: If your website contains info that isn't directly related to main content of the page, it would be apt to wrap that information in aside tags -

- \* <address>: The address element provide contact information for the nearest parent article or body element that contains it.



11 <footer>: The footer appears at the bottom of a section of a document.

### Structure of an HTML5 document

```
<!DOCTYPE
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="Content Type" content  
"text/html; charset=UTF-8">
```

```
<title> Anandhi's website </title>
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<nav>
```

```
<ul>
```

```
<li> Anandhi </li>
```

```
</ul>
```

```
</nav>
```

```
</header>
```

```
<section>
```

```
<article>
```

```
<header>
```

```
<h2> Hi </h2>
```

```
</header>
```

```
</article>
```

```
</section>
```

```
<aside>
```

```
<h2> About section </h2>
```

```
<p> Hi guys </p>
```

```
</aside>
```

```
<footer> <p> Copyright Anandhi </p>
```

```
</footer>
```

```
</body>
```

```
</html>
```