

HTML5 Syntax

Topics : [HTML](#)

Written on [March 10, 2021](#)

HTML5 is a latest and next version of HTML. The HTML 5 language has a custom HTML syntax. The HTML 5 have some elements like <header>, <section>, <aside>, <footer>, <nav> and <article> that define the layout of a website.

HTML5 does not have the same syntax rules as XHTML where we need the lower case tag names, quoting attributes, an attribute which has a value and close all the empty elements.

HTML5 supports the following features :

- Uppercase tag names.
- Attribute values are optional.
- Closing empty elements are optional.
- Quotes are optional for attributes.

HTML5 Structure contains below Syntax or tags.

The HTML5 elements are marked up by using the start and end tags.

1. **<!DOCTYPE html>** : It defines document type as html.
2. **<meta> tag**: It is used to define keyword, description, Character Encoding etc.
3. **<script> tag** : It is used to include javascript file.
4. **<link> tag** : It is used to include css file.
5. **<header> tag** : It is used to specify a header for a document or section.
6. **<nav> tag** : It is used to define a set of navigation links.
7. **<section> tag** : This element is used to define a section in a document.
8. **<article> tag** : This element is used to show independent piece of content of a document such as a blog entry or newspaper article.
9. **<aside> tag** : This element is used to show some piece of content in sidebar of page.
10. **<figure> tag** : This element is used to show self-contained content, like illustrations, diagrams, photos, code listings, a graphic or video etc..
11. **<footer> tag** : This element is used to show a footer for a section and can contain information about the author, copyright information, links, address etc.
12. **<dialog> tag** : This element is used to mark up a conversation.

HTML5 Example :

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
```

```
<title>HTML5 Syntax demo by arytechno</title>
</head>
<body>
<header></header>
  <nav>
  <ul>
    <li><a href="#">Home</a></li>
    <li><a href="#">About</a></li>
    <li><a href="#">Service</a></li>
    <li><a href="#">Contact</a></li>
  </ul>
</nav>
<article>
  <section>
    <h3>This is HTML5 Section Tag</h3>
  </section>
</article>
<aside><h3>This is HTML5 Aside Tag for sidebar</h3></aside>
<figure></figure>
<footer>
  <p>&copy; Copyrights 2021. <a
href="http://www.aryatechno.com">www.aryatechno.com</a></p>
</footer>

</body>
</html>
```

Output :

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