HTML 5 Page Structure

Contents

Tags and Elements

HTML documents are composed of HTML elements that, in their most general form have three components:

> a pair of tags, one for at start, the "opening" tag and one at the end, the "end tag", e.g

> > *<p>*This is some text in a p element, in other words, surrounded by paragraph tags.*</p>*

> some element attributes which are placed in the opening tag, e.g.

> > *<p class="outerWrapper">*

> > *outerWrapper* is a *Class* name for a CSS Style Rule. This will contain property/value combinations like <u>*color: #000;*</u> which will turn make all the text a black colour.

> > *<p style="background-color: #003333;">*

> > The use of the *style* attribute allows a style rule to be created and applied within the tag.

> page content consisting of the text and graphical information that will be displayed by the browser. In other words, the content that the visitor will see, e.g.

> > *This is some text in a p element, in other words, surrounded by paragraph tags.*

Basic Page: HTML 5

The code for a basic HTML 5 web page can be entered as follows:

HTML Tags	Notes
<!DOCTYPE HTML>	The Declaration which tells the browser what type of document this is. In this case it is a HTML 5 page.
<html lang="en">	Opening HTML tag with language declaration.
<head>	The <head> contains information the browser uses to display the page. This is not information the visitor will see on screen.
<meta charset="UTF-8">	
<title>*Joe's Store | Computers & Peripherals*</title>	
</head>	Closing tag for <head> element
<body>	The <body> element contains all the content the visitor will see.
<p>	Opening tag for the Paragraph element.
We sell, tablets, laptops, desktops and everything associated	The content is contained within elements like paragraphs, <p>.
</p>	Closing tag for <p> element
</body>	Closing tag for <body> element
</html>	Closing tag for <html> element

Which gives:
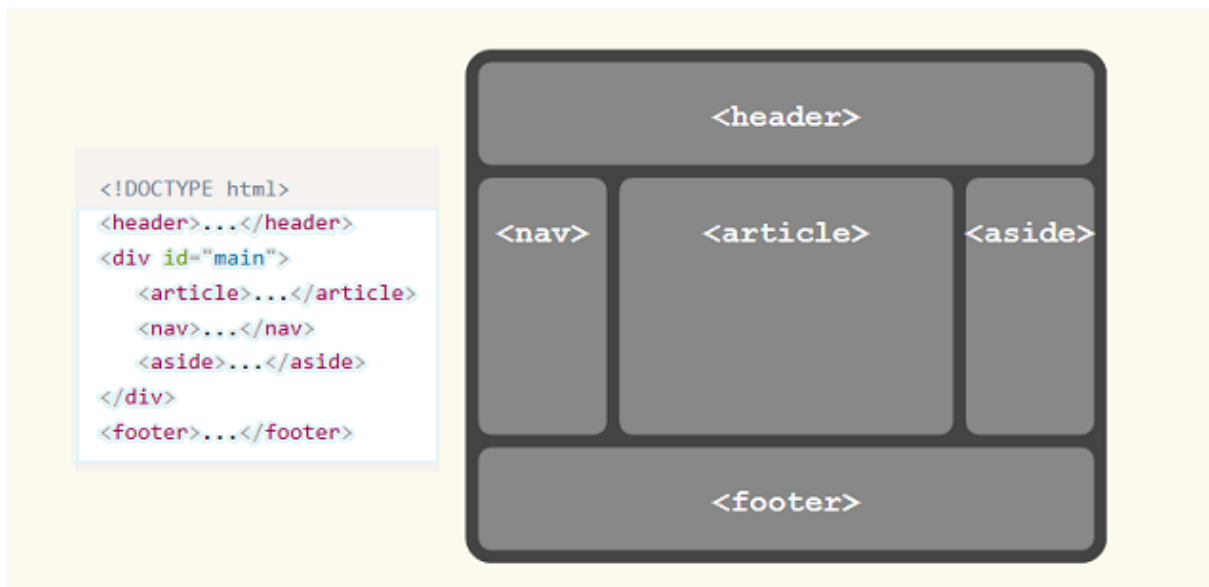
```
<!DOCTYPE HTML>
    <html lang="en">
    <head>
        <meta charset="UTF-8">
        <title>Joe's Store | Computers & Peripherals</title>
    </head>
    <body>
        <p>We sell, tablets, laptops, desktops and everything associated</p>
    </body>
</html>
```

Save this code in a html file as index.html. Then double click it to open it in a browser.

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Typical Page Layout: HTML 5

The page is laid out within the <body>…</body> element. A typical page has a *<header>*, *main*, and *<footer>* areas. The *main* area is typically broken down in to columns or divisions. The graphic below from the W3C explains the layout.

Note that the <nav>, <article>, and <aside> elements will only sit side-by-side across the screen if they have been styled to do so!