

HTML 5 BASIC DOCUMENT

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Title of the document</title>
</head>

<body>
The content of the document.....
</body>

</html>
```

REQUIRED TAGS

<!DOCTYPE html> Document Type: First tag in a file. It tells the web browser what version of HTML a page is written in. This doctype is HTML5

<html></html> Wraps all the code in the file, except for the doctype.

<head></head> At the top of the file, after html tag - contains invisible information. Provides information about the document (metadata)

<title></title> Goes inside the head tag. This insures correct search engine indexing

<meta charset="UTF-8"> The Character encoding declaration

<body></body> Goes after the head tag and wraps the page's content.

HTML5 NEW SEMANTIC / STRUCTURAL ELEMENTS

<header></header> Defines a header for the document or section

<section></section> Defines a section in a document - thematic grouping of content

<article></article> Defines an article - self contained section of website (blog post)

<main></main> Defines the main content of a document

<nav></nav> Defines section with navigational links

<aside></aside> Defines content aside from the page content

<figure></figure> Defines self-contained content like photographs, illustrations, etc.

<figcaption></figcaption> Defines a captions for a <figure> element

<footer></footer> Defines a footer for a document or section

HEADING ELEMENTS

<h1> Largest Heading, Main topic</h1>

<h2> Subtopic </h2>

<h3> ... </h3>

<h4> ... </h4>

<h5> ... </h5>

<h6> Smallest Heading</h6>

TEXT ELEMENTS

<p> This is a paragraph</p>

**
** (line break)

<hr> (horizontal rule) creates a horizontal line, may be used to separate content on a page

<pre></pre> displays preformatted text with structured spaces and lines

<!-- This is html comment text **-->**

FORMATTING ELEMENTS

<i> This element defines italic text without extra importance</i>

**** This text is emphasized with semantic importance

**** This text is bold

**** This text of strong importance

**** deleted (removed text)

<small> small formatting</small>

<ins> inserted (added) text</ins>

<blockquote> defines a quoted section, browsers indent</blockquote>

LINKS

HTML links are defined with the <a> tag

HTML links are hyperlinks: An element, text, image that you can click on and jump to another document

**** This is a Link to another page

**** This is an External Link

This is a link using an image, it will open in a new page

The id attribute can be used to create a bookmark inside an html document

****Portfolio B To be able to link to a specific part of a page, add this tag to the place you want a link to end up at.

**** Jumps to Portfolio B

****Send an e-mail

IMAGE ELEMENTS

HTML images are defined with the tag.

The filename of the source (src) is provided as an attribute. Width and height are a style attribute

This is how you place an image on a page – the image is located in a folder titled "images"

The image size is specified in pixels. Please include to avoid preload flickering

SECTIONS

<div>A block-level section in a document</div>

****An inline section in a document

HTML 5 BASIC DOCUMENT

LISTS

unordered lists

```
<ul>
```

```
<li>This is a list item</li>
```

```
<li>This is another list item</li>
```

```
</ul>
```

ENTITIES

 non-breaking space

& &

" denotes double quote (")

é or ß é

© is the same as ©

Tools needed:

Adobe Brackets

Remember:

Tags must be lowercase

All parameters in tags must be in quotes

Save your document with no caps and an .html extension

Website: basically a collection of files and folders

Root folder or site folder

index.html: default go to page for the entire site / folders

may contain additional index pages.