

Introduction to Basic HTML tags

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Basic HTML

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HTML document components

- **Begin HTML** • `<HTML>`
- **Header** • `<HEAD>`
 - `<title> ... </TITLE>`
 - `</head>`
- **Body** • `<BODY>`
 -
 - `</body>`
- **end HTML** • `</html>`

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Basic HTML tags

- **Header tags** • `<Hx> ... </Hx>`
 - `<H1>` to `<H7>`
- **New paragraph** • `<P align=(left|center|right)`
 - ... `</p>`
- **Line break** • `
`
- **Hypertext Link** • ` .. `
 - where ref may be a file name, URL or target name with a # prefix
- **Target** • ` ... `

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Reference Paths

- **Absolute paths**
 - physical file path or full URL
 - Irrelevant to the current working directory or host
 - makes it difficult to move the site
- **Relative Paths**
 - Relative to the current working directory/host
 - “newpage.html” is a file in the same folder/directory as the current page
 - “funny/newpage.html” is a file in a subdirectory or folder named funny of the current location of the current page.
 - Reduces maintenance when a site has to be moved.

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In-line Images

``

- SRC ref refers to the image file name.
- ALT provides the text that will be displayed when the image is not shown.
- **ALIGN**
 - TOP: the top of the image is aligned with the text.
 - BOTTOM: the bottom of the image is aligned with the text.
 - MIDDLE: the middle of the image is aligned with the text.
 - LEFT: the image is aligned with the left margin of the page
 - RIGHT: the image is aligned with the right margin of the page.
- Other attributes

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Text Formatting

- **BlockQuote text**
 - `<Blockquote> ... </Blockquote>`
- **Formatted text**
 - `<Pre> </pre>` (pre-formatted text)
 - ` ` (unnumbered list)
 - ` ` (numbered list)
 - `<DL> <dt>...<dd>... </DL>` (definition list - alternating definition term `<dt>` and description `<dd>`)
- **Horizontal line**
 - `<HR>`

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Tables

- `<TABLE align=... border=... cellspacing= ... cellpadding=... width=... >`
`<caption > ... </caption>`
`<tr valign= ... align= ...>` (table row)
 `<th> ... </th>` (table header cell)
 `<td> ... </td>` (table data cell)
- `</TABLE>`
- A table can be nested within other tables
- Width attributes can be pixels or percentages
- The easiest way to position information on pages

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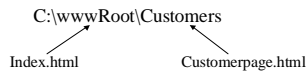
Other Useful Tags

- Comments -- useful for documentation
`<!-- This is a comment -->`
- `<DIV align="..."> ... </div>` (to align a section of the page.)
- Base definition tag in the Head section
`<Base href = "...">`
defines the working directory, based upon which relative references can be used.

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Base Tag Example

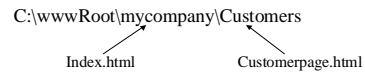


```
<base href = "http://www.mycompany.com">
...
...
<A href = "Customers/Customerhome.html">Customer's
home page</a>
...
```

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Base Tag Example -- pages moved



```
<base href = "http://www.mycompany.com/mycompany">
...
...
<A href = "Customers/Customerhome.html">Customer's
home page</a>
...
```

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Summary

- We have discussed some of the most commonly used HTML tags
- Different browser producers have introduced their own extensions. It is important to try to stay within the standards so that your pages can be viewed as intended, regardless of the type of browser used by visitors.

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