



HTML Basics

What is HTML?

- **HTML:** is a language called **HyperText Markup Language**. It has code words and syntax just like any other language.
- **HyperText:** the method by which you move around on the web.
- **Markup:** this is what **HTML tags** do to the text inside them. They mark it as a certain type of text, such as **bold** or *italicised*.

Tags and Elements

`<h1>` this is a starting tag or an opening tag.

`</h1>` this is an ending tag or a closing tag.

`<p>` this is an element `</p>` - includes start tag, end tag, and content.

HTML Structure

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>My First HTML Page!</title>
```

```
  </head>
```

```
  <body>
```

```
    <p>I am the master of HTML!</p>
```

```
  </body>
```

```
</html>
```

Create Your Own Web Page!

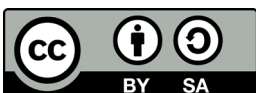
1. Open **Notepad ++**.
2. Enter your code.
3. Save the document as: **document.html** to the desktop.
4. Double click the document.html file on your desktop.
5. Voila!

Text Formatting

```
<h1>Heading 1</h1>
```

```
<h2>Heading 2</h2>
```

```
<h3>Heading 3</h3>
```



`<p>Paragraph</p>`

`<br/>` - line break

`<hr/>` - horizontal rule (Note: `<br/>` and `<hr/>` are empty elements)

`<strong>`this text is bold`</strong>`

`<em>`this text is italicized`</em>`

`<u>`this text is underlined`</u>`

`<sup>`superscript text`</sup>`

`<strike>`text with strikethrough`</strike>`

Nested Elements

`<h1>`

`<strong>`this text is bold`</strong>`

`</h1>`

Or

`<h1><strong>`this text is bold`</strong></h1>`

Images

The image tag is a “stand-alone non-empty tag” `<img />`

Uses **Attributes** which define elements:

src (source)

width, **height**

hspace (horizontal space)

vspace (vertical space)

alt (alternative text)

``

Hyperlinks

`<a>` and `</a>` - anchor

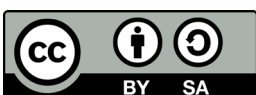
Attributes:

href (Hypertext Reference - link to another location on the web)

target (how the link will open) - `_blank`, or `_self`

`<a href="http://www.youtube.com" target="_blank">Go to YouTube!</a>`

mailto: (email Link)



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`<a href="mailto:kstorie@nvcc.edu">Contact me</a>`

Relative Paths/Links (linked from within the website)

- Index.html
- /images/logo.jpg
- help/articles/relative_paths.html

Absolute Paths/Links (linked from outside the website)

- http://www.mysite.com
- http://www.mysite.com/index.html
- http://www.mysite.com/images/logo.jpg
- http://www.mysite.com/help/articles/relative_paths.html

How to View Source Code on a Website

- Open a web site for which you would like to view the code.
- Press **F12** to view the code.

How to View Code in Canvas

- You can view the HTML code inside any **text editing box** in Canvas by clicking on the **code tag** at the bottom right corner.

