

HTML

Hyper Text Markup Language

HTML

What is it?

- Hyper Text Markup Language
- ‘Tags’ tell the browser what the content is
- Browsers display the content according to the rules of the tags

HTML

Tags: How they work

- Tags surround the content that they describe
- Beginning tag: `<html>`
- Ending tag: `</html>`
- Most tags have an ending tag. Some are optional. (XHTML requires all ending tags.)
- Many tags have attributes which enhance the functionality of the tag (``)

HTML

Tags: Rules of the Trade

- Even though some ending tags are optional, you should include them.
- Quotation marks around attribute values are optional. Use them anyway.
- Tags can be uppercase or lower case. Browsers don't care which one you use.

HTML

Anatomy of a Web Page

```
<html>                                Required
  <head>
    <title>Welcome to Code Fellows</title>
  </head>
  <body>                                Required
    <!-- content of web page goes here -->
  </body>
</html>
```

HTML

Handling of “White Space”

- White Space = Space, Tab, Return
- All white space characters show as one space.
- Multiple white space characters show as one space.

HTML

Adding Vertical Space

- Break `
`
 - No ending tag
 - Acts like a return
- Paragraph `<p>`
 - Ending tag `</p>`
 - Adds a double space

I've got an awesome computer! `
`
It's got 10 GB of RAM and `
`
a 5 TB hard drive. Yipee!
`<p>` You paid how much?
`</p>`

HTML

Heading Tags

- Heading tag `<h1>`
- Matching end tag `</h1>`
- Automatic bold
- Automatic size
- Automatic line break
- `<h1>` through `<h6>`

`<h1>Welcome!</h1>`



Welcome!

Special Characters

- Format: `&reference;`

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Attributes

Making Tags Do More

Attributes

Graphics



``



Attribute

src = source of file

Value

location & name
of the file

Hyper Links

``

[Buy our products.](#)

``

Attribute

href = hyperlink
reference

Value

location & name
of the file