

FONT STYLES AND IMAGES IN HTML

- **Blockquotes**

- Content of `<blockquote>`
- To set a block of text off from the normal flow and appearance of text
- Browsers often indent, and sometimes italicize

- **Font Styles and Sizes (can be nested)**

- Boldface - ``
- Italics - `<i>`
- Larger - `<big>`
- Smaller - `<small>`
- Monospace - `<tt>`

The `<big>` sleet `<big>` in `<big>` `<i>` Crete
`</i>``
` lies `</big>` completely `</big>`
in `</big>` the street
The sleet in *Crete*
lies completely in the street

- These tags are not affected if they appear in the content of a `<blockquote>`, unless there is a conflict (e.g., italics)

- Superscripts and subscripts*
 - Subscripts with `<sub>`
 - Superscripts with `<sup>`

Example: `x₂³`

Display: x₂³

- **Inline versus block elements**
- All of this font size and font style stuff can be done with style sheets, but these tags are not yet deprecated
- **Character Entities**

Char. Entity Meaning

& `&` Ampersand

<	<	Less than
>	>	Greater than
”	"	Double quote
’	'	Single quote
¼	¼	One quarter
½	½	One half
¾	¾	Three quarters
°	°	Degree
(space) 	 	Non-breaking space

- Horizontal rules

- `<hr />` draws a line across the display, after a line break

- The meta element (for search engines) Used to provide additional information about a document, with attributes, not content

Images

- GIF (Graphic Interchange Format)

- 8-bit color (256 different colors)

- JPEG (Joint Photographic Experts Group)

- 24-bit color (16 million different colors)

- Both use compression, but JPEG compression is better

- Images are inserted into a document with the `` tag with the `src` attribute

- The `alt` attribute is required by XHTML

- Purposes:

1. Non-graphical browsers

2. Browsers with images turned off

```
<img src = "comets.jpg"
```

```
alt = "Picture of comets" />
```

- The `` tag has 30 different attributes, including width and height (in pixels)

- Portable Network Graphics (PNG)

- Relatively new

- Should eventually replace both gif and jpeg

Eg:

```
<!-- image.html
```

```
  An example to illustrate an image
```

```
-->
```

```
<html xmlns = "http://www.w3.org/1999/xhtml">
```

```
  <head> <title> Images </title>
```

```
  </head>
```

```
<h1> Aidan's Airplanes </h1>
<h2> The best in used airplanes </h2>
<h3> "We've got them by the hangarful"
</h3>
<h2> Special of the month </h2>
<p>
  1960 Cessna 210 <br />
  577 hours since major engine overhaul
  <br />
  1022 hours since prop overhaul
  <br /><br />
  <img src = "c210new.jpg"
    alt = "Picture of a Cessna 210"/>
  <br />
  Buy this fine airplane today at a
  remarkably low price <br />
  Call 999-555-1111 today!
</p>
</body>
</html>
```

