HTML

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`<HTML>` and `</HTML>` tags
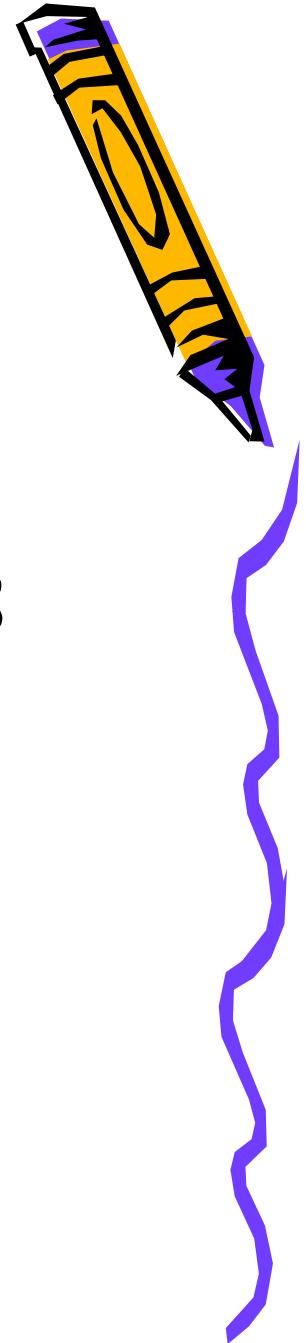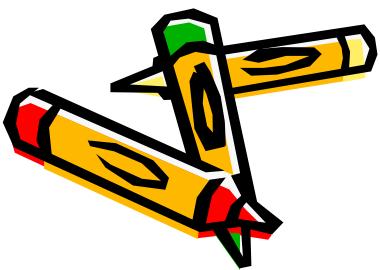
\<HEAD\>, \</HEAD\>, \<TITLE\>, \</TITLE\>, \<BODY\> and \</BODY\> tags

```
<HTML>
<HEAD>
<TITLE>the title or name of your page goes here</TITLE>
</HEAD>

<BODY>
.
.
.
all your web page work goes here in this section
.
.
.
</BODY>
 </HTML>
```
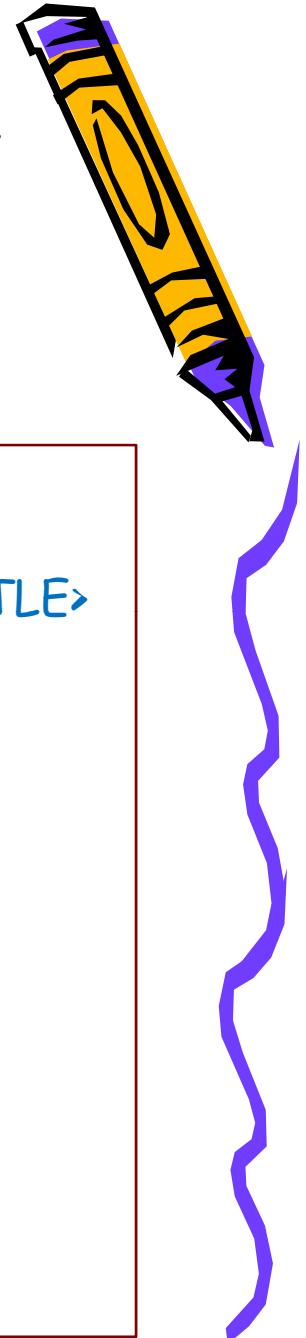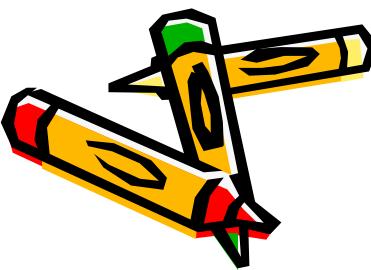
# Note

- All tags are terminated in the reverse order to the way in which they were activated.

- These tags satisfy the principle of "LIFO" - "Last In First Out".
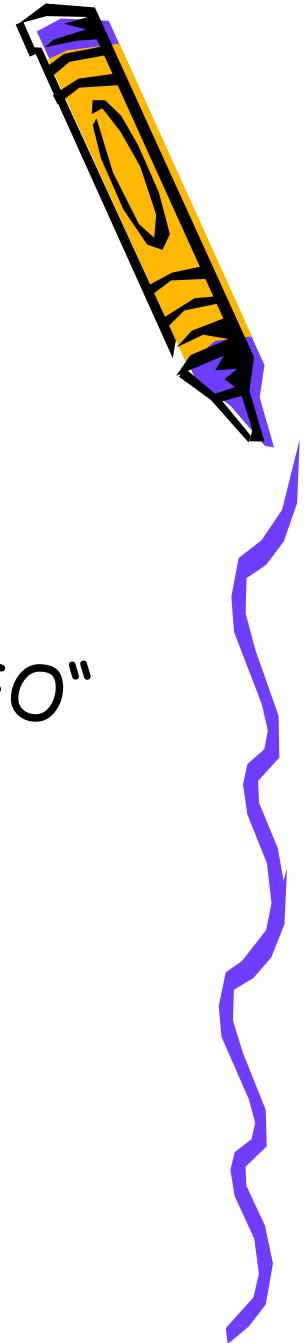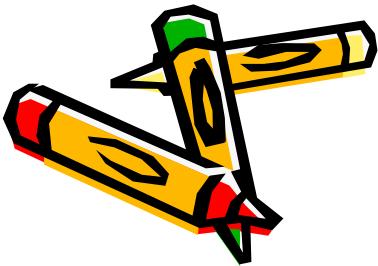
# Main HTML Elements

- DOCTYPE
- HTML
- HEAD
  - TITLE element required
  - Optional elements:
    - BASE
    - META
    - BGSOUND
    - SCRIPT, NOSCRIPT
    - STYLE
    - LINK
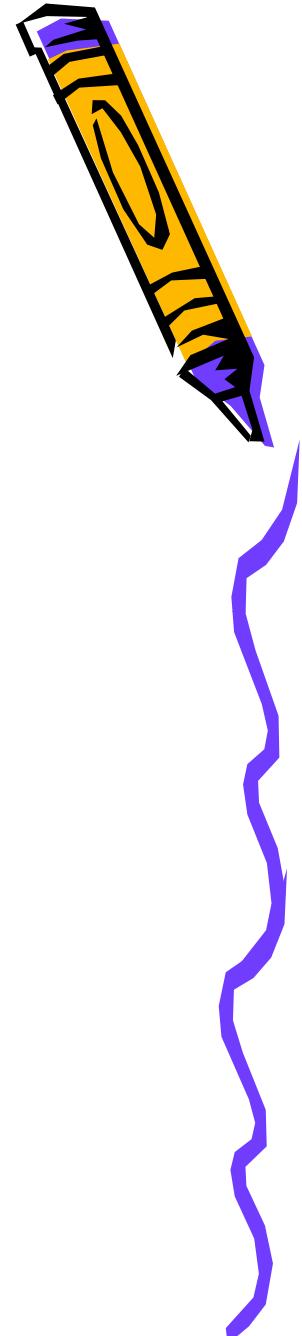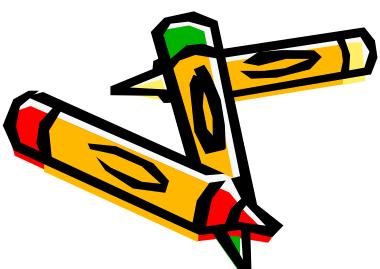
# HTML Document Template

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML>
<HEAD>
   <TITLE>Title</TITLE>   Goes on browser's title bar
</HEAD>   May not appear in printouts

<BODY>
<H1>Main Heading</H1>   Main heading. Often used as title
                                Appears in printouts

                                HTML comment
<!-- Rest of page goes here --> Replace with body of
                                WWW page

</BODY>
</HTML>
```

Title - Netscape

File   Edit   View   Go   Communicator   Help

# Main Heading

Document: Done
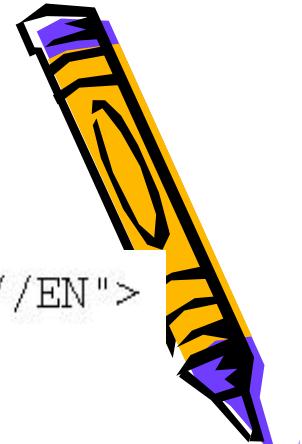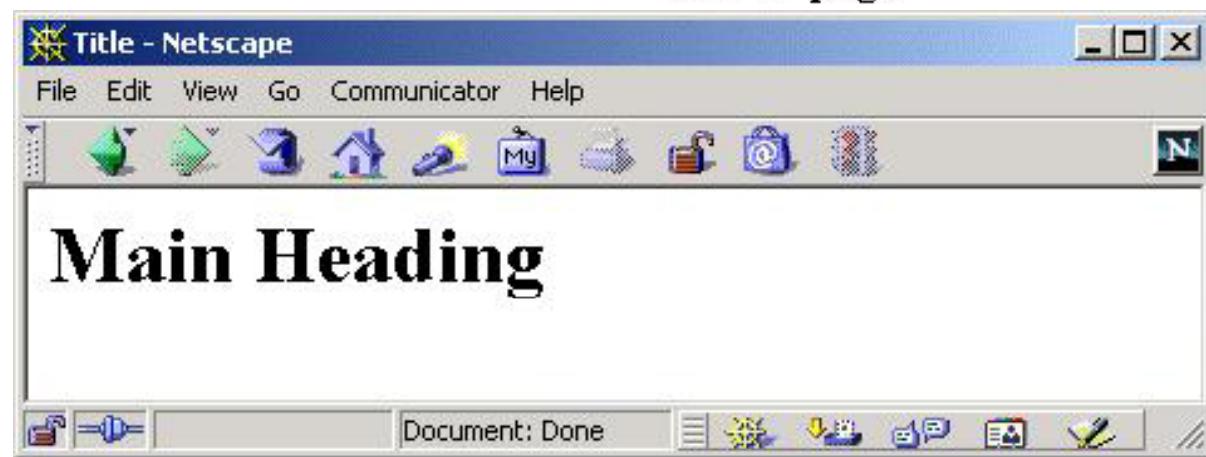
# Main HTML Elements Contd..

**BODY Element**
- &lt;BODY BGCOLOR="YELLOW"&gt;
- HTML Attributes and Attribute Values
  - BACKGROUND
  - BGCOLOR
  - TEXT
  - LINK, VLINK, ALINK
  - OnLoad, OnUnload, OnFocus, OnBlur

**Elements inside BODY element**
- &lt;BODY&gt;

*Remaining HTML elements*
&lt;/BODY&gt;
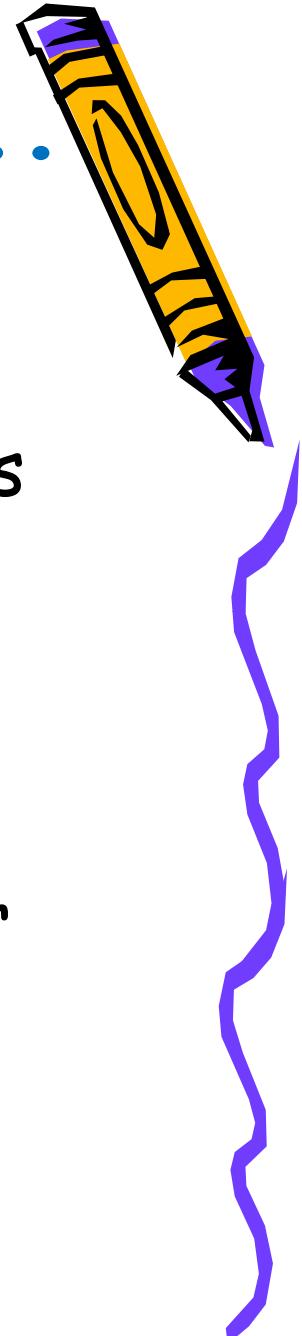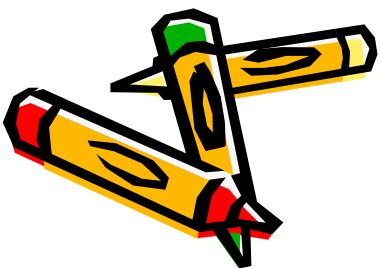
# META Elements

Records document information, forwards and refreshes pages

- NAME="author"
- NAME="keywords"
- NAME="description"
- HTTP-EQUIV="refresh"
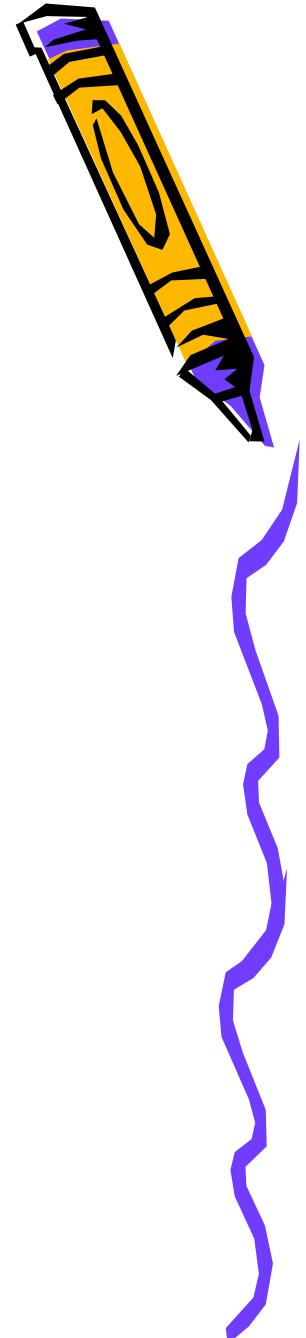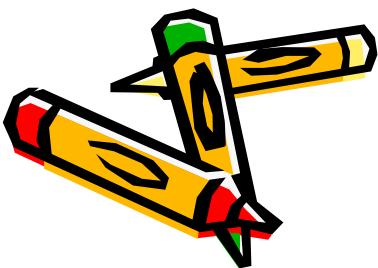
# META Elements Example

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0
Transitional//EN">
<HTML>
<HEAD>
    <TITLE>News Headlines</TITLE>
    <META HTTP-EQUIV="REFRESH"
    CONTENT="3600">
</HEAD>
<BODY>
    <H1 ALIGN="CENTER">News Headlines</H1>
    <H2>National News</H2>
    Blah, blah, blah.
    <H2>International News</H2>
    Yadda, yadda, yadda.
</BODY>
</HTML>
```
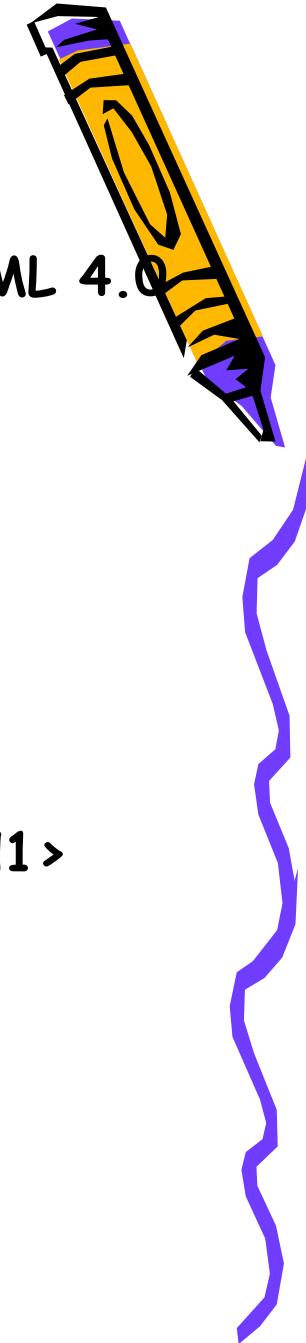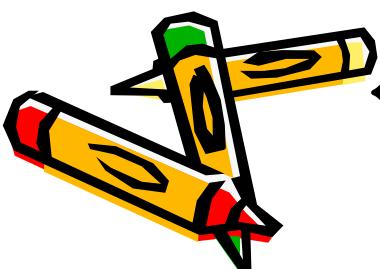
`<BR>`, `<P>` and `<HR>` TAGS

- **`<BR>`**

  BR stands for line **B**reak. Like 'Enter' key
- **`<P>`**

  `<P>` for **P**aragraph tells your browser to insert a blank or empty line and then begin a new line (a new paragraph).
- **`<HR>`**

  `<HR>` puts a line across the page. **HR** stands for **H**orizontal **R**ule.
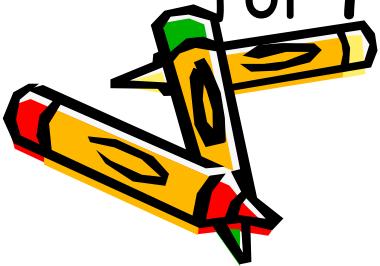
# Example

```
<HTML>
<HEAD>
<TITLE>WEB PAGE DESIGN - BASIC TAGS</TITLE>
</HEAD>

<BODY>
Hi, my name is John Gilson.<BR>
This is my first attempt at a Web page.<HR>
Here is a riddle for you.
<P>I am learning html tags</P>
Do you want to learn?.<BR><BR><HR>

</BODY>
 </HTML>
```
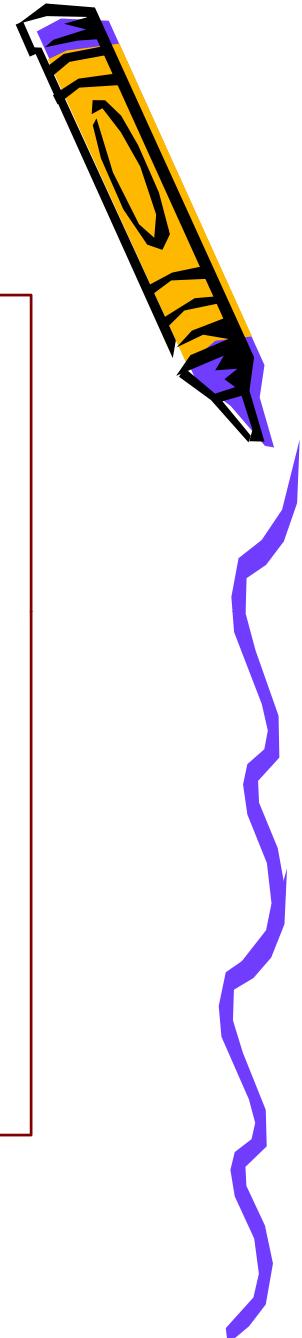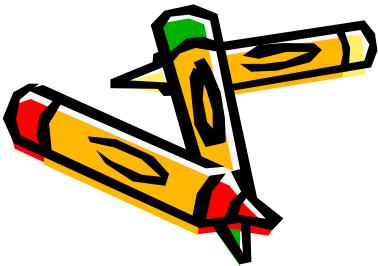
# HTML Headings

HTML headings are defined with the `<h1>` to `<h6>` header tags.

```
<html>
<body>

<h1>This is heading 1</h1>
<h2>This is heading 2</h2>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
<h5>This is heading 5</h5>
<h6>This is heading 6</h6>

</body>
</html>
```
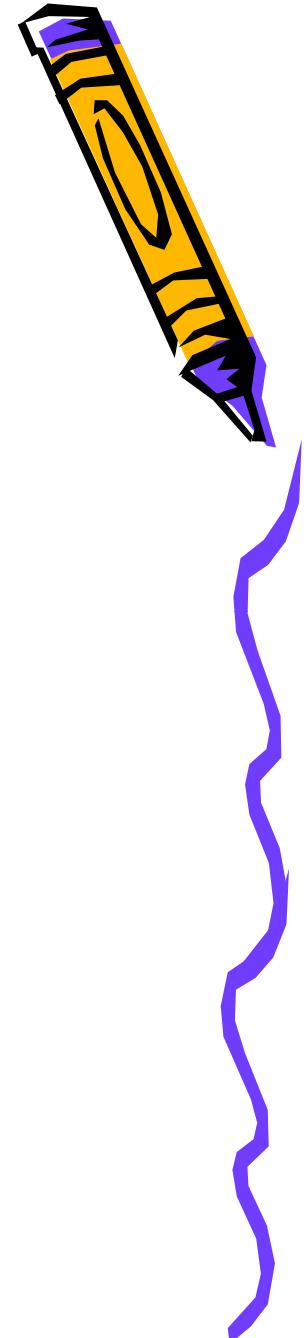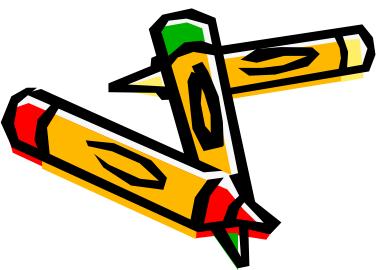
Example

H1 produces the largest size heading and is called the "**level 1 heading**".
H6 produces the smallest size heading and is called the "**level 6 heading**".

```
<HTML>
<HEAD> <TITLE>HEADING LEVELS</TITLE>
</HEAD>
<BODY>
<H1>THIS IS H1.</H1> THIS IS NORMAL SIZE.
<H2>THIS IS H2.</H2> THIS IS NORMAL SIZE.
<H3>THIS IS H3.</H3> THIS IS NORMAL SIZE.
<H4>THIS IS H4.</H4> THIS IS NORMAL SIZE.
<H5>THIS IS H5.</H5> THIS IS NORMAL SIZE.
<H6>THIS IS H6.</H6> THIS IS NORMAL SIZE.<HR>
</BODY>
</HTML>
```
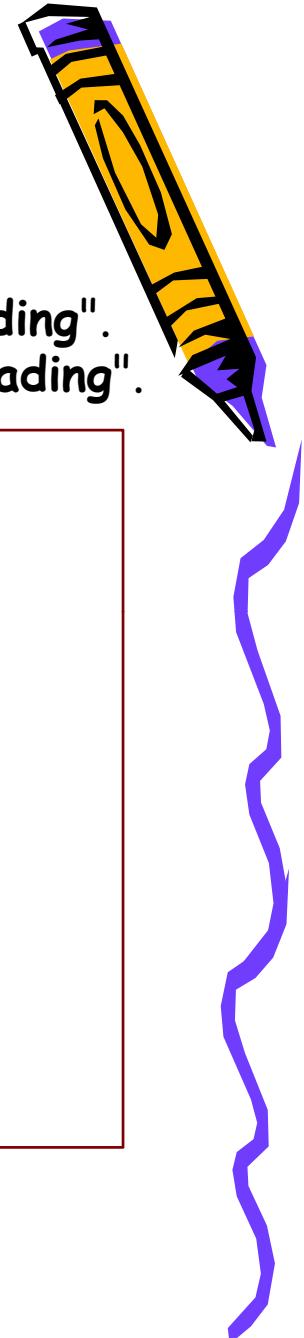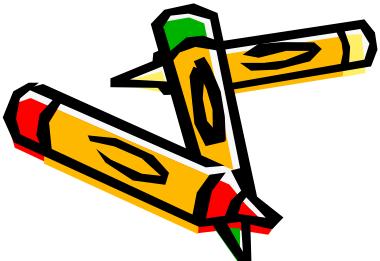
Headings

Attributes: ALIGN
– Values: LEFT (default), RIGHT, CENTER

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0
Transitional//EN">
<HTML>
<HEAD>
    <TITLE>Document Headings</TITLE>
</HEAD>
<BODY>
    Samples of the six heading types:
    <H1>Level-1 (H1)</H1>
    <H2 ALIGN="CENTER">Level-2 (H2)</H2>
    <H3><U>Level-3 (H3)</U></H3>
    <H4 ALIGN="RIGHT">Level-4 (H4)</H4>
    <H5>Level-5 (H5)</H5>
    <H6>Level-6 (H6)</H6>
</BODY>
</HTML>
```

Headings, Result

Document Headings - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Samples of the six heading types:

Level-1 (H1)

Level-2 (H2)

Level-3 (H3)

Level-4 (H4)

Level-5 (H5)

Level-6 (H6)

Done   My Computer