



Mansoura University
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Web programming sec 1

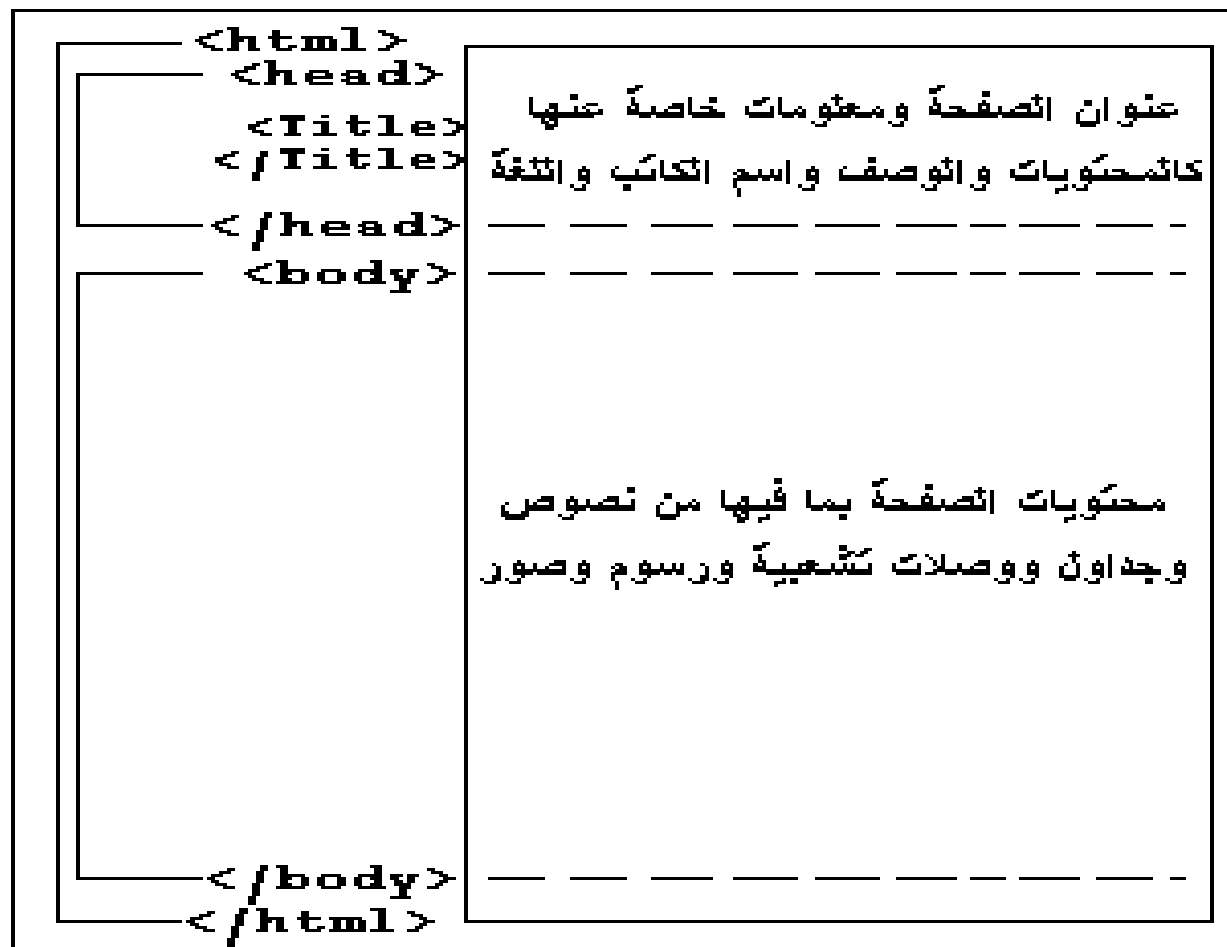
WHAT IS HTML?

- ❑ HTML, otherwise known as HyperText Markup Language, is the language used to create Web pages
- ❑ Using HTML, you can create a Web page with text, graphics, sound, and video

TAGS

- ❑ The essence of HTML programming is tags
- ❑ A tag is a keyword enclosed by angle brackets (Example: <I>)
- ❑ There are opening and closing tags for many but not all tags;The affected text is between the two tags

STRUCTURE OF A WEB PAGE



STRUCTURE OF A WEB PAGE

- ❑ All Web pages should contain a pair of `<HTML>`, `<HEAD>`, `<TITLE>`, and `<BODY>` tags

`<HTML>`

`<HEAD>`

`<TITLE> Example </TITLE>`

`</HEAD>`

`<BODY>`

This is where you would include the text and images on your Web page.

`</BODY>`

`</HTML>`

HEADINGS

- ❑ Web pages are typically organized into sections with headings; To create a heading use the expression `<Hn>...</Hn>` where n is a number between 1 and 6
- ❑ In this case, the 1 corresponds to the largest size heading while the 6 corresponds to the smallest size

TAGS

- ❑ The opening and closing tags use the same command except the closing tag contains an additional forward slash /
- ❑ For example, the expression ` Warning ` would cause the word 'Warning' to appear in bold face on a Web page


THE <TITLE> TAG

- ❑ Choose the title of your Web page carefully; The title of a Web page determines its ranking in certain search engines
- ❑ The title will also appear on Favorite lists, History lists, and Bookmark lists to identify your page

CHANGING THE FONT

- ❑ The expression ` ... ` can be used to change the font of the enclosed text
- ❑ To change the size of text use the expression ` ` where n is a number between 1 and 7

CHANGE THE FONT COLOR

- ❑ To change the color, use `.... `; The color can also be defined using hexadecimal representation (Example: #ffffff)
- ❑ These attributes can be combined to change the font, size, and color of the text all at once; For example, ` `

ALIGNING TEXT

- ❑ The `ALIGN` attribute can be inserted in the `<P>` and `<Hn>` tags to right justify, center, or left justify the text
- ❑ For example, `<H1 ALIGN=CENTER> The New York Times </H1>` would create a centered heading of the largest size

COMMENT STATEMENTS

- ❑ Comment statements are notes in the HTML code that explain the important features of the code
- ❑ The comments do not appear on the Web page itself but are a useful reference to the author of the page and other programmers
- ❑ To create a comment statement use the `<!-- -->` tags

TAGS

- ` bold face `
- ` important text `
- `<i> Italics </i>`
- ` emphasized text `
- `<U> Underline </U>`
- `<P> Paragraph </P>`
- `<hr /> draw a line`

TAGS

- `
` Next Line
- `<pre>` save distances `</pre>`
- `<center>`text `</center>`
- `<mark>` highlight text `</mark>`
- `_{` subscript `}`
- `^{` superscript `}`
- `` deleted ``

TAGS

 `<marquee>` scrolling area of text `</marquee>`

☐ To change the scroll direction

`<marquee direction=left> ... </marquee>`

NESTED TAGS

- ❑ Whenever you have HTML tags within other HTML tags, you must close the nearest tag first

- ❑ Example:

`<H1> <I> The Nation </I> </H1>`

PAGE FORMATTING

- ❑ To define the background color, use the BGCOLOR attribute in the <BODY> tag
- ❑ To define the text color, use the TEXT attribute in the <BODY> tag

EXAMPLE

```
<HTML>
```

```
<HEAD>
```

```
<TITLE> Example </TITLE>
```

```
</HEAD>
```

```
<BODY BGCOLOR="black" TEXT="white">
```

This is where you would include the text and images on your Web page.

```
</BODY>
```

```
</HTML>
```

INSERTING IMAGES

- ❑ Type ``, where `image.ext` indicates the location of the image file
- ❑ The `WIDTH=n` and `HEIGHT=n` attributes can be used to adjust the size of an image
- ❑ The attribute `border=n` can be used to add a border `n` pixels thick around the image

LINKS

- ❑ A link lets you move from one page to another, play movies and sound, send email, download files, and more....
- ❑ To create a link type
` label `

EXAMPLE: LINKS

- ❑ To create a link to google, I would type:

`google`

- ❑ To create a link to an email address, type

` Label`

TARGET = “_BLANK “

- ❑ To open link in new tape we use _blank
- ❑ `google`