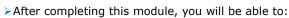


Lesson Objectives



- Understand the role of images in web pages
- · Learn to add images to web pages
- · Learn to use images as hyperlinks



6.1: Role of images in web pages

Roles of images in web pages

- Web pages are comprised of text and images.
- Some of the roles of images in web pages are
 - To make web page content more interesting to be read
 - · To increase clarity on web page content by transmitting right message
 - Provoking reactions
 - · To ensure that the user response is anticipated
- Some of the widely used image formats
 - · GIF: Graphical Interchangeable Format
 - · JPEG: Joint Photographic Expert Group
 - PNG : Portable Network Graphics

GIF images are quickly downloadable, because its size is less. It is used for animated images, thumbnails, B/W image . It supports only 256 colors

JPEG images uses <u>lossy</u> compression method, meaning that some original image information is lost and cannot be restored, possibly affecting image quality.

PNG images are lossless, portable, well-compressed storage of raster images. It supports image transparency

Adding images in webpages

- > Images are added into a HTML document using tag.
- tag has 2 required attributes such as src and alt
- Syntax:

```
<img src="url" alt="Alternate text"/>
```

- > The src attribute defines the url (web address) of the image
- Alt attribute defines alternative text to display for non-graphical browsers. The alt attribute is required
- > Example:

```
<img src="html5.gif" alt="The official HTML5 Icon">
```

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Attributes of an Inline Image

- ➤ Other attributes of tag are:
 - width: Sets the width of the image.
 - height: Sets the height of the image.

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Text & Image Alignment (Code)

- ➤ Style Attribute:
- ➤ Can be used in tag to define the alignment of text and image.

Description	
The bottom of the element is aligned with the lowest element on the line	
The element is placed in the middle of the parent element	
The top of the element is aligned with the top of the tallest element on the line	
The element floats to the left	
The element floats to the right	
The element floats to the none	

> <br clear=LEFT/RIGHT> can be used to stop text flowing around an image

Insert the <br clear=LEFT/RIGHT> command at the spot in the descriptive text where text is to stop flowing around the image.

Demo

- ImageDemo.html
- ImageAlign.html

The Example of image alignment



ETIML allows the cample aligning of tool and images by adding the ayde embrace to the tag. ETIML 2 expanded that articles by specifying floor life and floor might opinion. When you use these options, two floors follow the right as left olde of the analysis aligned to floor. The test floor continues with relate the left general the many, the test relat, at the benefits reconsisted a tag.

HTML) shows vertical alignment of test and margor by utiling the reple attribute with values as vertical slight bottom, rethout slight top. Then you are there options, test is vertically slighted up better, update. The test flow continues used without the test person the image, the test reals in the becomes reasonables as he tay order than other tests.



6.3: Image as hyperlinks

Use of Image as a Hyperlink (Code)

Images used as hyperlinks:

```
<a href="6image1.html"><img src="home.gif"></a>
```

Images contained within a table:

Use Image as Link

To create an image link, place the tag with the image URL between tags.

<h2>MY FIRST IMAGE LINK</h2>
Click on it to have
additional information on it.

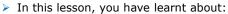
6.3: Image as hyperlinks

Demo

ImageLink.html

Lab Lab 5

Lesson Summary



- Role of images in web pages
- How to add images in web pages
- How to use images as hyperlinks



Review - Questions

- Question 1: Client-side image maps are usually faster than server-side image maps.
 True/ False
- Question 2: ____ contain the linking information on the server.

