

Lesson Objectives



After completing this module, you will be able to:

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

5.1: 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 255 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

5.2: Adding images in webpages

Adding images in webpages



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

Syntax:

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:

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.

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5.2: Adding images in webpages Attributes of an Inline Image

Other attributes of tag are:

- · width: Sets the width of the image.
- height: Sets the height of the image.

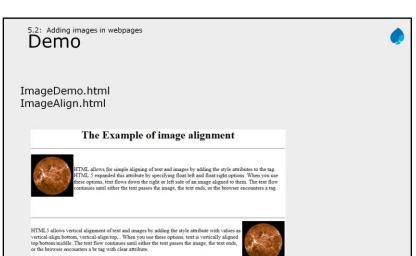
GIF images are quickly downloadable, because its size is less. It is used for animated images, thumbnails, B/W image . It supports only 256 colors

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5.2: Adding images in webpages Text & Image Alignment (Code) Style Attribute: Can be used in tag to define the alignment of text and image. Style Attribute Value Description The bottom of the element is aligned with the lowest vertical-align:bottom element on the line vertical-align:middle The element is placed in the middle of the parent element The top of the element is aligned with the top of the tallest vertical-align:top element on the line The element floats to the left float:right float:left The element floats to the right float:none 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.



5.3: Image as hyperlinks

Use of Image as a Hyperlink (Code)



Images used as hyperlinks:

```
<a href="5image1.html"><img src="home.gif"></a>
```

Images contained within a table:

```
ProductCostImage
Pencil$8

(tr)Fencil

(tr)(tr)

(tr)(tr)

(tr)(tr)

(tr)(tr)

(tr)(td)

(td)(td)
```

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.

5.3: Image as hyperlinks Demo	•
ImageLink.html	



Lesson Summary

In this lesson, you have learnt about:
 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.

