

**USING GRAPHICS IN WEB PAGE **

Images can be placed in a web page by using tag. There are many image formats available today, but the most widely used among them are gif and jpeg.

It is an empty tag (only start tag, no end tag) and is written as:

- SRC – Source of the image file
- image_URL – represents the image file with its location.

**Example: **

Here, image_URL =file:///C:/NOSlogo.GIF, it means image is available in the Hard Drive C: on the local hard disk.

Other attributes used with are: -

- ALIGN
- HEIGHT AND WIDTH
- VSPACE and HSPACE
- ALT
- BORDER

ALIGN: used to set the alignment of the text adjacent to the

image. It takes the following values:

ALIGN = LEFT - Displays image on left side and the subsequent text flows around the right hand side of that image

ALIGN = RIGHT - Displays the image on the right side and the subsequent text flows around the left hand side of that image

ALIGN = TOP - Aligns the text with the top of the image

ALIGN = MIDDLE - Aligns the text with the middle of the image

ALIGN=BOTTOM - Aligns the text with the bottom of the image

<HTML>

<HEAD>

<TITLE> Use of IMG Tag With its ALIGN Attribute</TITLE>

</HEAD>

<BODY>

<P>

<IMG SRC="F:\online class\3 sem
bsc\programs\images1386085326.jpg" ALIGN=TOP>

Aligns the text with the Top of the image

</P>

<P>

<IMG SRC="F:\online class\3 sem
bsc\programs\images1386085326.jpg" ALIGN=MIDDLE>

Aligns the text with the Middle of the image

</P>

<P>

<IMG SRC="F:\online class\3 sem
bsc\programs\images1386085326.jpg" ALIGN=LEFT>

Displays image on left side and the subsequent text flows
around the right hand side of that image.

</P>

<P>

<IMG SRC="F:\online class\3 sem
bsc\programs\images1386085326.jpg" ALIGN=RIGHT>

Displays image on right side and the subsequent text flows
around the left hand side of that image.

</P>

</BODY>

</HTML>

HEIGHT and WIDTH

Height and Width of an image can be controlled by using the HEIGHT and WIDTH attributes in the tag as follows:

Example: <IMG SRC= NOSlogo.GIF HEIGHT=320
WIDTH=240>

HSPACE and VSPACE

White space around an image can be provided by using HSPACE (Horizontal Space) and VSPACE (Vertical Space) attributes of the tag.

```
<IMG SRC=NOSlogo.GIF VSPACE=30 HSPACE=25>
```


ALT (Alternative Text)

This attribute is used to give alternative text that can be displayed in place of the image

Example: ``

BORDER

Border around the image can be controlled by using BORDER attribute of tag.

```
<IMG SRC=NOSlogo.GIF BORDER=3>
```

BORDER=3 to make the border thickness to 3

<HTML>

<HEAD>

<TITLE> Use of Image Attributes </TITLE>

</HEAD>

<BODY>

<IMG SRC="F:\online class\3 sem
bsc\programs\images1386085326.jpg" HSPACE=30
VSPACE=30 BORDER=5 ALT=computer height=100
width=100

ALIGN=LEFT>

Personal computer :PC

</BODY>

</HTML>

WORKING WITH LINKS: <A> ANCHOR TAG

Web pages are linked to one another through Hypertext Links. Section of text or image in the HTML document can be linked to an external document or to a specific place within the same document.

HTML provides <A> Anchor Tag to create links.

The format of using anchor tag is as follows:

** Make Me The Link **

HREF (Hyper Link Reference) is a mandatory attribute used to refer the URL of the resource. URL (Uniform Resource Locator) is an address tells the browser about the file to link to.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h1>The a element</h1>
```

```
<a href="https://www.gmail.com">Visit  
  gmail.com!</a>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>
```

```
An image as a link: <a href="img.htm">
```

```

```

```
</a>
```

```
</p>
```

```
</body>
```

```
</html>
```

HTML TABLES

The HTML tables allow web authors to arrange data like text, images, links, other tables, etc. into rows and columns of cells.

The HTML tables are created using the **<table>** tag in which the **<tr>** tag is used to create table rows and **<td>** tag is used to create data cells.

```
<!DOCTYPE html>
<html>
<head>
<title>HTML Tables</title>
</head>
<body> <table border = "1">
<tr>
<td>Row 1, Column 1</td>
<td>Row 1, Column 2</td>
</tr>
<tr>
<td>Row 2, Column 1</td>
<td>Row 2, Column 2</td>
</tr>
</table>
</body>
</html>
```

Table Heading

Table heading can be defined using **<th>** tag.

This tag will be put to replace **<td>** tag, which is used to represent actual data cell.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>HTML Table Header</title>
```

```
</head>
```

```
<body>
```

```
<table border = "1">
```

```
<tr>
```

```
<th>Name</th>
```

```
<th>Salary</th>
```

```
</tr>
```

```
<tr>
<td>Ramesh Raman</td>
<td>5000</td>
</tr>
<tr>
<td>Shabbir Hussein</td>
<td>7000</td>
</tr>
</table>
</body>
</html>
```

Cellpadding and Cellspacing Attributes

There are two attributes called *cellpadding* and *cellspacing* which you will use to adjust the white space in your table cells. The *cellspacing* attribute defines space between table cells, while *cellpadding* represents the distance between cell borders and the content within a cell.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>HTML Table Cellpadding</title>
```

```
</head>
```

```
<body>
```

```
<table border = "1" cellpadding = "5" cellspacing = "5">
```

```
<tr>
```

```
<th>Name</th>
```

```
<th>Salary</th>
```

```
</tr>
```

```
<tr>
<td>Ramesh Raman</td>
<td>5000</td>
</tr>
<tr>
<td>Shabbir Hussein</td>
<td>7000</td>
</tr>
</table>
</body>
</html>
```


Colspan and Rowspan Attributes

You will use **colspan** attribute if you want to merge two or more columns into a single column. Similar way you will use **rowspan** if you want to merge two or more rows.

```
<!DOCTYPE html>
<html>
<head>
  <title>HTML Table Colspan/Rowspan</title>
</head>
<body>
<table border = "1">
  <tr>
    <th>Column 1</th>
    <th>Column 2</th>
    <th>Column 3</th>
  </tr>
  <tr>
    <td rowspan = "2">Row 1 Cell 1</td>
```

```
<td>Row 1 Cell 2</td>
<td>Row 1 Cell 3</td>
</tr>
<tr>
<td>Row 2 Cell 2</td>
<td>Row 2 Cell 3</td>
</tr>
<tr>
<td colspan = "3">Row 3 Cell 1</td>
</tr>
</table>
</body>
</html>
```