**Understanding frames**

<frame> tag with Name attribute.

Keyword:

 Parent : refer to main window

Child: Each frame object in a window is a child of the parent window object.

<frameset ROWS="50%,\*" COLS="50%,\*">

<frame NAME="topleft" SRC="topleft.html">

<frame NAME="topright" SRC="topright.html">

<frame NAME="bottomleft" SRC="botleft.html">

<frame NAME="bottomright" SRC="botright.html">

</frameset>

The frames are indexed starting with zero and beginning with the first <frame> tag in the frameset document.

Above frames defined in the previous example using array references can referred as :

* parent.frames[0] is equivalent to the topleft frame.
* parent.frames[1] is equivalent to the topright frame.
* parent.frames[2] is equivalent to the bottomleft frame.
* parent.frames[3] is equivalent to the bottomright frame.

**To refer 2nd frame:   
parent.frames[1].document.bgColor = color;**

**Setting location:**

function myFunction()

{

var frames = window.frames;  
for (var i = 0; i < frames.length; i++) {  
  frames[i].location = "https://www.google.com";  
}

**Examples:**

<HTML><HEAD><TITLE>Frames Values</TITLE></HEAD>

<FRAMESET cols="20%,80%">

<FRAME SRC="frame-onclick.html" name="**left\_frame**">

<FRAME SRC="frame-onclick1.html" name="**right\_frame**">

</FRAMESET></HTML>

**frame-onclick.html**

<HTML><HEAD><TITLE>JavaScript Example </TITLE></HEAD>

<BODY><FORM>

<INPUT type="button" value="click me" onClick="**parent.right\_frame.document.form1.text1.value**='Welcome!'">

</FORM></BODY></HTML>

OR <INPUT type="button" value="click me" onClick="parent.right\_frame.document**.getElementById('n1').value**='Welcome!'">

**frame-onclick1.html**

<HTML><HEAD><TITLE>JavaScript Example </TITLE>

</HEAD><BODY>

<FORM name="**form1**">

<INPUT type="text" name="**text1**" size="25" value="">

</FORM></BODY></HTML>

**Example 2 // Function called from page1.html**

<html>

<frameset cols="30%,70%">

<frame src="page1.html" name="**p1**">

<frame src="page2.html" name="**p2**">

</frameset>

</html>

**page1.html**

<html><body bgcolor="blue">

<script type="text/javascript">

function testing()

{

var x="this is page1! Function is called"

alert(x)

}

</script></body></html>

**page2.html**

<html><body>

Function is defined and called from frame1

<input type="button" value="click here" onclick="**parent.p1.testing()**">

</body></html>