

**Experiment No: 6**

**Create a web page using frame. Divide the page into two parts with Navigation links on left hand side of page (width=20%) and content page on right hand side of page (width = 80%). On clicking the navigation Links corresponding content must be shown on the right-hand side.**

**Date:**

**Competency and Practical Skills:**

**Relevant CO: 1**

**Objectives:**

1. To study frame and frameset to divide page multiple sections.
2. To understand about use of target attribute to open web page in target frame.

**Theory:**

The <frame> tag was used in HTML 4 to define one particular window (frame) within a <frameset> HTML frames are used to divide your browser window into multiple sections where each section can load a separate HTML document.

A collection of frames in the browser window is known as a frameset.

The window is divided into frames in a similar way the tables are organized: into rows and columns.

**Creating Frames**

To use frames on a page we use <frameset> tag instead of <body> tag.

The <frameset> tag defines, how to divide the window into frames. The rows attribute of <frameset> tag defines horizontal frames and cols attribute defines vertical frames.

Each frame is indicated by <frame> tag and it defines which HTML document shall open into the frame.

**The <frameset> Tag Attributes**

Attribute	Description
cols	Specifies how many columns are contained in the frameset and the size of each column. You can specify the width of each column in one of the four ways – cols = "100, 500, 100" cols = "10%, 80%, 10%". cols = "10%, *, 10%" cols = "3*, 2*, 1*"
rows	This attribute works same as cols but it is used to specify the rows in the frameset. <b>rows = "10%, 90%"</b>
border	This attribute specifies the width of the border of each frame in pixels. <b>border = "5"</b>

**Example: example to create three horizontal frames**

```
<frameset rows = "10%,80%,10%">
  <frame name = "top" src = "../rows_demo_pages/top_frame.htm" />
  <frame name = "main" src = "../rows_demo_pages/main_frame.htm" />
  <frame name = "bottom" src = "../rows_demo_pages/bottom_frame.htm" />

  <noframes>
    <body>Your browser does not support frames. </body>
  </noframes>

</frameset>
```

In below implementation use target attribute in navigation link to open page in specific frame.

**Implementation:**

Create a web page using frame. Divide the page into two parts with Navigation links on left hand side of page (width=20%) and content page on right hand side of page (width = 80%). On clicking the navigation Links corresponding content must be shown on the right-hand side.

**Output:****Conclusion:** (Sufficient space to be provided)

**Quiz:**

1. Explain about rows and cols attribute of frame tag.
2. Which tag embed an inline frame in a web page?
3. Which attribute in frame tag is used to specifies the web page to load into that frame?

**Suggested Reference:**

- [https://www.w3schools.com/tags/tag\\_frameset.asp](https://www.w3schools.com/tags/tag_frameset.asp)

**References used by the students:****Rubric wise marks obtained:**

Rubrics	1	2	3	Total
Marks				