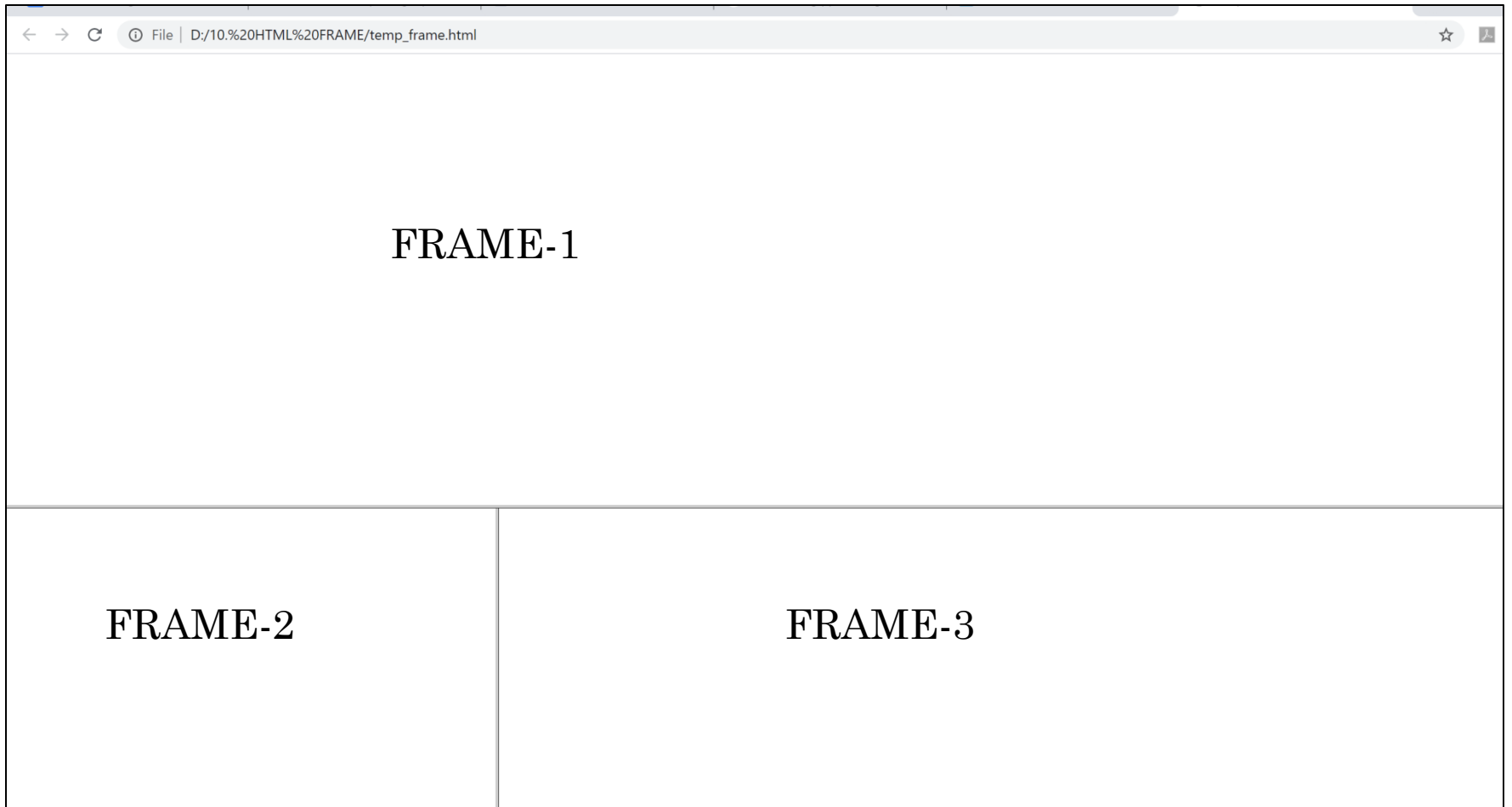# HTML FRAME

Prof. Rachana Modi

Faculty of Information Technology

FRAME

- **HTML frames** are used to divide browser window into multiple sections .

- Each section is called Frame.

- Each Frame can load a separate **HTML** document.

- Each Frame is independent of other frames.

FRAME-1

FRAME-2

FRAME-3

U V PATEL COLLEGE OF ENGINEERING

Vision

"Seek, Search and offer programs those lead to symbiotic emergence of 'academic excellence' and 'industrial relevance' in education and research in the field Engineering and Technology."

Mission

"It shall be the constant endeavor of the Mehsana District Education Foundation to meet the educational needs of the youth in the area of professional studies and provide state-of-the-art learning opportunities along with inculcation of values of professional commitment and uprightness."

The College

Aim:

Our spirituous efforts are directed towards leading our student community to such an acme of technical excellence meeting the requirements of the industry, the nation and the globe at large. Nurturing an entirely different generation of students aiming at attaining technical expertise and utilizing the technical know-how in the service of mankind is at the root of our efforts. We have the following aims before us. To offer guidance, motivation and inspiration for full growth of hidden traits To impart technical and need-based education by conducting elaborated training programs. To shape and mould the personality of future

How to Create Frames?

- Frames are created using HTML <frameset> tag and <frame> Tag.

- <frameset> tag replace the body tag completely to create frames.

<FRAMESET> ELEMENT

- <frameset> is collection of frames.

- FRAMESET is a Pair HTML tag

  - <frameset> starting tag

  - </frameset> ending tag

- It used to divide the window into multiple **frames.**

- This tag replaces the body tag completely to create frames.

<frame> Element

- **Each frame** is indicated by <frame> tag

- The <frame> tag is unpaired tag

- Defines HTML document which is display into the frame.

- <frame> tag always written inside the <frameset> tag.

- Syntax:

    <frameset….>

        <frame ……/>

    </frameset>

Attribute of <Frameset>

- Rows

- Cols

- Border

- Frameborder

- Framespacing

Attribute of <Frameset>

Attribute	Description	Value	Syntax
rows	Number of horizontal windows or frames	pixels OR %	**<Frameset rows=20%, 80%> <Frameset rows=100, 40%, *>**
cols	Number of vertical windows or frames	pixels OR %	**<Frameset cols=200, 400>**

Note: Sum of pixels can not be more than the pixel size of the monitor.

Attribute of <Frameset>

Attribute	Description	Value	Syntax
border	Width of the border of each frame	pixels	<frameset border="5">
frameborder	specify whether the three-dimensional border should be displayed between the frames or not	0/1	<frameset frameborder="1">

NESTED FRAMESETS

- Design more complex layouts by using nested tags.

- A frame within a frameset can contain another frameset which means you can take one row and divide it into several columns (or, conversely, divide a column into several rows)

Nested framesets Example

```html
<html>

  <frameset rows=60%,40%>

    <frame />

    <frameset cols=30%,70%>

      <frame />

      <frame />

    </frameset>

  </frameset>

</html>
```

Frame1

Frame1

Frame2 Frame3

GUNI *Limitless Learning*

<frame> Attributes

Attribute	Value	Description
frameborder	0 ,1	Specifies whether or not to display border around the frame
src	URL	Defines the URL of the file to show in the frame
Name	frame_name	Defines a unique name for the frame
marginheight	pixels	Defines the top and bottom margins in the frame
marginwidth	pixels	Defines the left and right margins in the frame
scrolling	yes, no ,auto	Determines scrollbar action
noresize	noresize	When set to noresize the user cannot resize the frame

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<noframes> Element

- Many browser won't support Frameset Tag

- So we need to use Body tag

- To check browser support frameset tag or not

EXAMPLE

```
<html>

<frameset rows="50% , * ">

        <frame name=Frame1 src="f1.html">

        <frame name=Frame2 src="f2.html">

        <noframes>

        <body>

         Your browser does not support frame tag.

        </body>          </noframes> </frameset> </html>
```

ADVANTAGES OF FRAMES

- It allows the user to view multiple documents within a single Web page.

- It load pages from different servers in a single frameset.

DISADVANTAGES OF FRAMES

- Web page design using Frame will be displayed differently on different computers due to different screen resolution

- It doesn't allow to bookmark any individual Web pages viewed within a frame.

- Viewing of too many frames can put a high workload on the server.

- Some old browsers do not support frame Tag

IFRAME

- <iframe> stands for Inline Frame

- <iframe> is a paired Tag

- Used to create inline/sub window within HTML document

- In Each sub window you can display a separate HTML document.

- You can use <iframe> tag anywhere in your document.

IFRAME ATTRIBUTE

Attribute	Value	Description
Align	Left, , right top ,middle bottom	Specifies how to align the iframe according to the surrounding text
frameborder	1, 0	Specifies whether or not to display a frame border
height	Pixels, %	Defines the height of the iframe
Width	Pixels,%	Defines the width of the iframe
marginheight	Pixels	Defines the top and bottom margins in the frame
marginwidth	Pixels	Defines the left and right margins in the frame
scrolling	yes, no ,auto	Determines scrollbar action
Name	Frame_name	Specifies a unique name of the iframe (to use in scripts)
Src	URL	The URL of the document to show in the iframe

Iframe Example

```html
<html>
    <body>
        <iframe  align="right" src="web1.html" height="300" width="900"
    scrolling="yes" frameborder="1" marginwidth="50" marginheight="40"
    name="iframe">

        <p> Your Browser don't support iframe </p>
        </iframe>
        <a href="web2.html" target="iframe"> EXAMPLE LINK </a>
    </body>
</html>
```

Thank you