

# Lecture 8

# FRAMES IN HTML

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# outlines

- What is frames?
- its benefits.
- Using frames.
- Frameset element.
- Frame element.
- Target frames.
- In line frames.
- Noframes element.



# Advantages of Frames

- The author can guarantee that certain parts of the interface (e.g., a table of contents) are always on the screen.
- The author can avoid retyping common sections of multiple Web pages.
- Users can navigate large Web sites more easily.

# Disadvantages of Frames

- The meaning of the Back and Forward buttons can be confusing to users.
- Poorly designed frames can get the user lost because the address bar at the top of the document shows the URL of the top-level document, finding the URL of a particular frame cell when the user wants to remember or bookmark it may be difficult.
- When you select Print, many browsers print the active frame cell, which, in most cases, is the table of Contents cell that you just clicked in, not the new content cell.



# frameset element

The frameset element holds two or more frame elements. Each frame element holds a separate document.

# Using frames

```
<frameset rows="#"  
           cols="#" border="#">
```

```
<frame name="X1" src="url">
```

```
<frame name="X2" src="url">
```

```
</frameset>
```



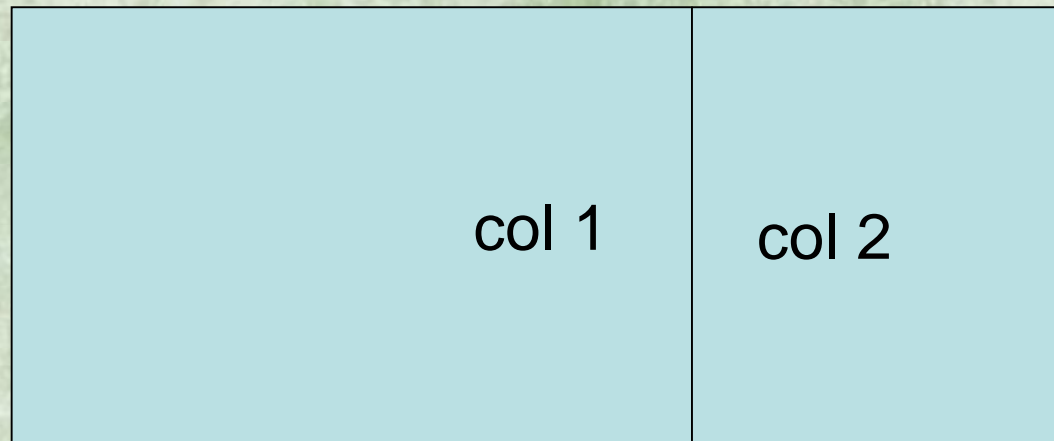
# Example 1

```
<frameset rows="20%,80%" border="5">  
<frame name="one" src="1.html">  
<frame name="two" src="2.html">  
</frameset>
```

ROW 1
ROW 2

## Example 2

```
<frameset cols="60%,40%" border="5">  
<frame name="one" src="1.html">  
<frame name="two" src="2.html">  
</frameset>
```





# Example 3

```
<frameset cols="70%,30%" border="5">
```

```
<frame name="one" src="1.html">
```

```
<frameset cols="50%,50%" border="5">
```

```
<frame name="two" src="2.html">
```

```
<frame name="three" src="3.html">
```

```
</frameset></frameset>
```

col 1	col 2, row 1
	col 2, row 2

# Frameset properties

`<frameset>...</frameset>`

Properties:

- rows
- cols
- border



# Frameset properties

- rows

Number of frames and size of each.

Examples:

- rows="22%,78%"
- rows="188,200"
- rows="188,20%"
- rows="24%,\*"
- rows="201,\*"

# Frameset properties

- cols

Number of frames and size of each.

Examples:

- cols="22%,78%"
- cols="188,200"
- cols="188,20%"
- cols="24%,\*"
- cols="201,\*"



# Frameset properties

- border

Line between frames.

Examples:

- border="4"
- border="2"
- border="0"

# Frame properties

- src
- name
- marginwidth
- marginheight
- noresize
- scrolling



# Frame properties

- src

url of document which appears in frame.

Examples:

- src="1.html"
- src="<http://yourdomain.com/1.html>"

# Frame properties

- marginwidth

Right and left margins

- marginwidth = "10"
- marginwidth = "2"



# Frame properties

- marginheight  
top and bottom margins
- marginheight =“10”
- marginheight =“4”

# Frame properties

- name

Using frame name to as a link target.

- name =“navbar”
- name =“2”



# Frame properties

- noresize

Enable or disable the user to change the size of frame.

`noresize`

# Frame properties

- scrolling

Scroll bar

- scrolling="yes"
- scrolling="no"
- scrolling="auto"



# Using target in links

- You can choose the place of opening the link by put place name as a value of target.
- `<a href="1.html" target="main">abc</a>`

# Special targets

- `<a href="1.html" target="_blank">`

Open the link in new blank window page

- `<a href="1.html" target="_self">`

Open the link in the same link frame

- `<a href="1.html" target="_top">`

Open the link in the same page after delete all frames



# HTML <base> tag

Define the default URL or target for all links in the page.

In head section.

Examples:

- `<base target="main">`
- `<base target="_blank">`
- `<base href="http://www.ex.com/images/">`

## in line frame

```
<iframe width="300" height="75"  
  name="centerframe" src="1.html">  
</iframe>
```



# noframes element

- The <noframes> tag is used for browsers that do not handle frames.

Example:

```
<noframes>
```

```
<body>
```

```
<p>Sorry, your browser does not handle  
frames!</p>
```

```
</body>
```

```
</noframes>
```

# Question?



**Thank you  
for listening!**