

# HTML – Hypertext Markup Language

# STRUCTURAL TAGS



`<html>`

`<head>`

`</head>`

`<body>`

`</body>`

`</html>`

`<html> </html>` - beginning and end of the page

`<head> </head>` - contains tags with office information, for example, the tag

`<title> </title>` - heading

`<body> </body>` - direct contents of the document.

# TAGS CAN BE :

- PAIR

(EXAMPLE, `<html> </html>`)

- UNPAIRED

(EXAMPLE, `<BR>`)

`<font color = blue> text </font>` - text color

`<body text = yellow>` - color of the main text

`<body bgcolor = green>` - background color

`<body text = yellow bgcolor = green>` - color of the main text and color of a background

<font size =+4> text </font> - font size

<font face = ARIAL> text </font> - font  
(font type)

<font size =+4 face = ARIAL color =  
blue> text </font>

<br> - 'break row', a transition to a new  
line

# PARAGRAPHS

`<p align = center> text </p>` - text alignment (center, left, right) (by default on the left edge)

`<p align = justify> text </p>` - alignment on width

`<center> text </center>` - on the center

# заголовки

- `<H1> text </H1>`
- `<H2> text </H2>`
- `<H3> text </H3>`
- `<H4> text </H4>`
- `<H5> text </H5>`
- `<H6> text </H6>`



<b> **Bold text** </b>

<i> *Inclined text (italics)* </i>

<u> Underlined text </u>

- `<tt>` `</tt>` - the text, which font with symbols of identical width (the fixed font)
- `<pre>` `</pre>` - the fixed font, but also is removed to within a gap

`<tt><b><i> text </i></b></tt>`

`<img src = φωτο.jpg>` - picture insert

`<img src = picture/foto.jpg>` picture insert  
with the file location.

# PICTURE PARAMETERS

`<img src=pr1.gif align=bottom>`  
(middle, top, right, left, center)

`<img src=pr1.gif Vspace=10>`

`<img src=pr1.gif Hspace=30>`

# PICTURE PARAMETERS

```
<img src=pr1.gif alt = my foto>
```

```
<img src=pr1.gif width=100>
```

```
<img src=pr1.gif height=200>
```

```
<img src=pr1.gif border=5>
```

```
<img src=pr1.gif align = left  
Hspace=30 Vspace=5 alt = my foto >
```

```
<body text = blue background =  
фон.jpg> - background picture
```

# HYPERLINKS

`<a href = 123.html>my fotos</a>` - as a hyperlink the text on the file 123.html

`<a href = foto/123.html> my fotos </a>`  
- hyperlink to the 123.html file with the file location.

`<a href = 123.html> < img src=pr1.gif>`  
`</a>` - as a hyperlink picture

# HYPERLINKS

```
<body text = yellow bgcolor = green  
link=blue alink=red vlink=black>
```

Link - color of a hyperlink

Alink - color of the active hyperlink  
(pressed)

Vlink - color of already visited hyperlink



# Hyperlink to a mailbox

```
<a href = mailto: st5012@nkzu.edu>  
st5012@nkzu.edu - write letters </a>
```

Remark: the reference can be not only on the document with the \*.html expansion, but also on many others (\*.doc, \*.mp3, \*.jpg, \*.gif, \*.txt, \*.zip, \*.exe, etc.)

# ГИПЕРССЫЛКИ

```
<a href = 123.html target="_blank" >  
my fotos </a>
```

target = "\_blank" - points that the document 123.html on which the hyperlink conducts will open in a new window of the browser

# LISTS

```
<li> Text one </li>
```

```
<li> Text another </li>
```

Example marked like the list

```
<li type="disk">
```

```
<li type="circle">
```

```
<li type="square">
```

# Tabulation in the list

```
<ul><li> Shift one </li></ul>
```

```
<ul><ul><li> Shift two </li></ul></ul>
```

```
<ul><ul><ul><li> Shift three  
</li></ul></ul></ul>
```

# HORIZONTAL DIVIDER

`<Hr>` defines a thematic change in the content

`<Hr align = right>` (center or left)

`<Hr width=30%>` (line width in percent/pixels)

`<Hr size=6>` (line width)

`<Hr NoShade>` (dimensions cancellation)

`<Hr color = green>` (color of the line)

# TABLES

`<table></table>` - table

`<tr></tr>` - table line

`<td></td>` - column (cell) of the table

# Example of the table

1x1	1x2	
2x1	2x2	2x3

```
<table>  
  <tr>  
    <td height=35 bgcolor=yellow  
    colspan=2> <center>1x1</center>  
  </td>
```

```
<td width=50 bgcolor=blue>  
<center>1x2</center> </td>  
</tr>
```



```
<tr>
```

```
  <td height=35 width=50 bgcolor=blue>
```

```
    <center>2x1</center> </td>
```

```
  <td width=50 bgcolor=yellow>
```

```
    <center>2x2</center> </td>
```

```
  <td width=50 bgcolor=blue>
```

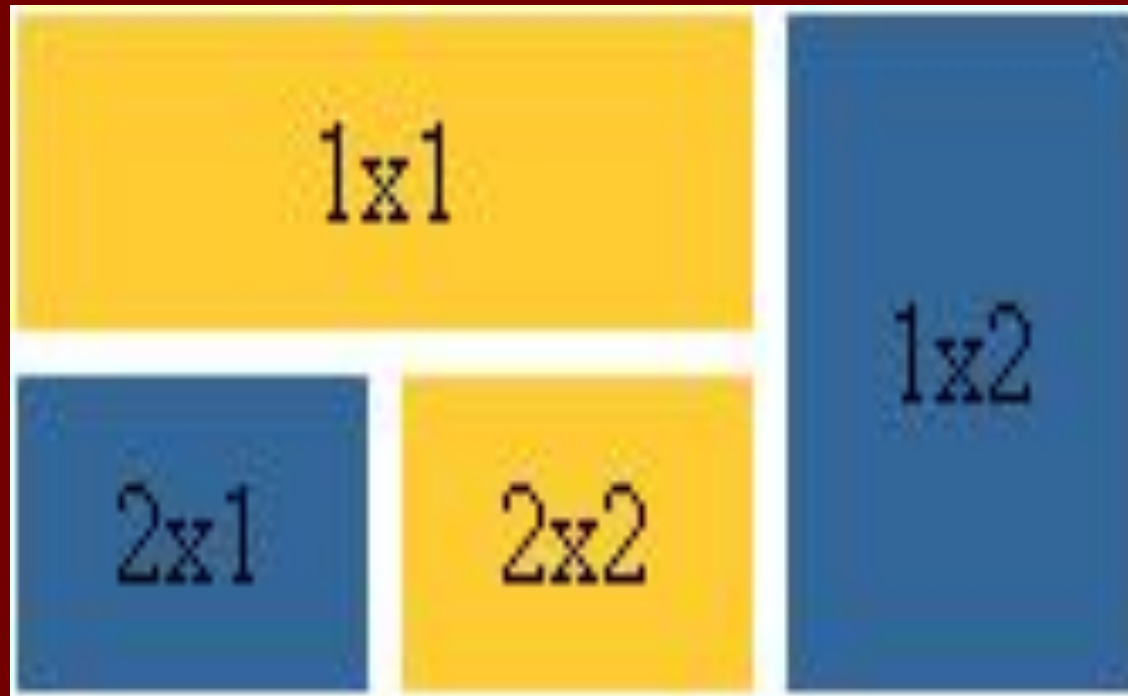
```
    <center>2x3</center> </td>
```

```
</tr>
```

```
</table>
```

to increase space between cells

**<table cellpadding=5>**

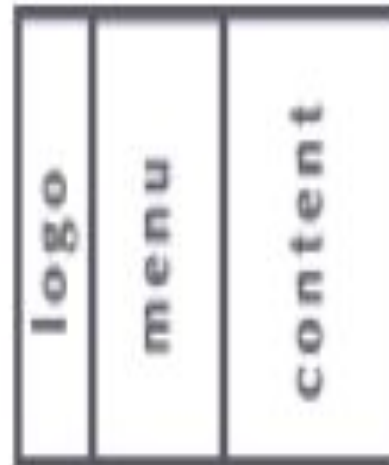
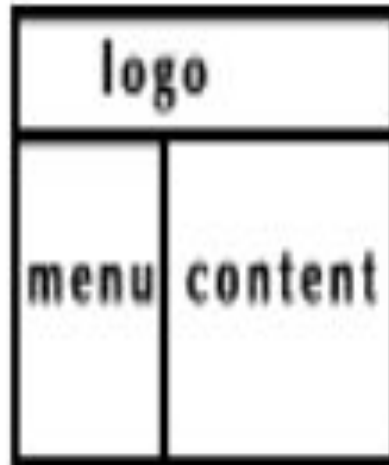


# tables

`colspan=2` association of columns

`rowspan=2` association of lines

# FRAMES



# Example 1

```
<html>  
  <head>  
    <title> Circulation on frames </title>  
    <frameset rows="100,*,150">  
      <frame src=logo.html>  
      <frame src=content.html>  
      <frame src=menu.html>  
    </frameset>  
  </head>  
</html>
```

# Example 2 in the picture

```
<html>
  <head>
    <title> Circulation on frames </title>
    <frameset rows="100, *">
      <frame src=logo.html>
      <frameset cols="150, *">
        <frame src=menu.html>
        <frame src=content.html>
      </frameset>
    </frameset>
  </head>
</html>
```

# Example 3 in the picture

```
<html>
  <head>
    <title> Circulation on frames
  </title>
  <frameset cols="100, 150, * ">
    <frame src=logo.html>
    <frame src=menu.html>
    <frame src=content.html>
  </frameset>
</head>
</html>
```

# Example 4 in the picture

```
<html>  
  <head>  
    <title> Circulation on frames </title>  
    <frameset cols="100,*">  
      <frameset rows="100,*">  
        <frame src=logo.html>  
        <frame src=menu.html>  
      </frameset>  
      <frame src=content.html>  
    </frameset>  
  </head>  
</html>
```