

HTML



DEAF YOUNG
CODE

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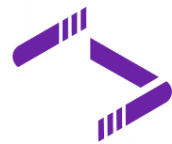
Learning Objectives



- Introduce basic HTML
- Write and run simple programs in HTML



Video



CODE



What is HTML?

- ❖ HTML is the acronym for Hyper Text Markup Language, the fundamental language for creating web pages.
- ❖ Designed in 1989 by Tim Berners-Lee, a physicist who graduated from Oxford and a software expert, now director of the World Wide Web Consortium.



Instructions



The instructions of the language are called tags.

- ❖ The beginning of a tag is marked by placing the tag between the symbols “<” and “>” :
`<tag>`
- ❖ The end of a tag is marked in a similar way, by adding a “/” in front of the tag:
`</tag>`



Instructions

There are also tags for which it is not necessary to mark the end.

Example:

`<br>` – Break Row (jump to the next line)

`<hr>` – Horizontal Rule (horizontal line)



- ❖ Most tags “accept” additional options called attributes. For example, for the horizontal line created using the `<hr>` tag, we can specify the thickness (size), length (width), and alignment (left — “left”, right — “right”, or center — “center”).
- ❖ Thus, we obtain a new form for the `<hr>` tag:
`<hr size="thickness" align="alignment mode" width="length">`

The structure of an HTML document

`<HTML>`

`<HEAD>`

`<TITLE>` The title of a web page

`</TITLE>`

`</HEAD>`

`<BODY>` This is where the information that will be displayed in the browser

`</BODY>`

`</HTML>`



Example (1)

Here's the HTML source you can enter into Notepad exactly as given, properly formatted:

```
<HTML>
<HEAD>
<TITLE> Welcome to My Web Page
</TITLE>
</HEAD>
<BODY BGCOLOR=YELLOW> I am Jack
<BR> I like to travel. I visited China.
<HR>
```

In the future I would like to go to Japan

```
<BR> On this page you will find a lot of information about my travels
</BODY>
</HTML>
```



The color

The basic colors supported are presented in the following table.

	Black = "#000000"		Green = "#008000"
	Silver = "#C0C0C0"		Lime = "#00FF00"
	Gray = "#808080"		Olive = "#808000"
	White = "#FFFFFF"		Yellow = "#FFFF00"
	Maroon = "#800000"		Navy = "#000080"
	Red = "#FF0000"		Blue = "#0000FF"
	Purple = "#800080"		Teal = "#008080"
	Fuchsia = "#FF00FF"		Aqua = "#00FFFF"



The most important tags



`<b>This is bold text</b>`

`<i>This is italic text</i>`

`<u>This is underlined text</u>`

`<s>This is strikethrough text</s>`

Several such tags can be applied to the text simultaneously, for example we can write a text that is both italic and bold:

`<b><i>This is italic and bold text</i></b>`

`<center>This is center aligned text</center>`

`<pre>This is predefined text</pre>`



Example (2)

```
<HTML>
<HEAD>
<TITLE>Days of the week</TITLE>
</HEAD>
<BODY BGCOLOR=silver>
<font SIZE=4 FACE=COURIER NEW COLOR=red WEIGHT=100>
<p>MONDAY</p>
</font>
<font SIZE=7 FACE=ARIAL COLOR=blue WEIGHT=900>
<p>TUESDAY </p>
</font>
<font SIZE=4 FACE=Times New Roman COLOR=#800000
WEIGHT=300>
<p>WEDNESDAY</p>
</font>
</BODY>
</HTML>
```

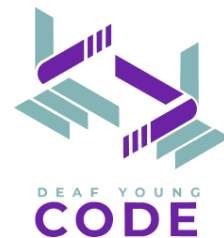


Activity

1. Open the NOTEPAD
2. Write your first web page



Reflection



What did you enjoy?

What was difficult?



Thank you for your attention!



Stay tuned for the next presentation!

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