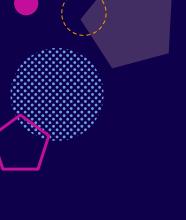# Introduction to HTML

1.

HTML

HTML

- HTML - Hyper Text Markup Language

- HTML is a descriptive language, not a programming one.

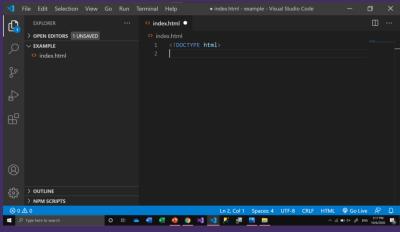- The latest version is HTML5

2.

Elements and tags

Elements

- The name of the html document should be index.html

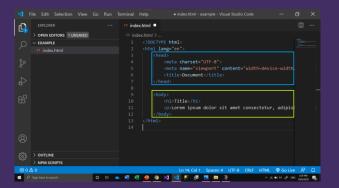- DOCTYPE - to set the HTML5 version, first line should look like that:
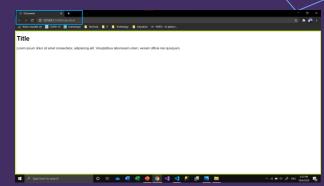
Elements

Visual Studio Code

Description

Between *html* tags there are *head* and *body* tags.

You can see where they are showing in the browser.

Browser

▽

- First opened is closing last.
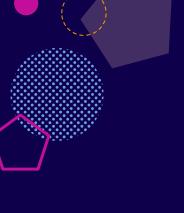- Two types of tags
  - Single <br/>, <hr/> etc.
  - Opening and closing
    <h1>Title</h1>
    - Opening <h1>
    - Closing </h1>   attribute's value
- Tag construction:

<html lang="en">

tag name   attribute

3.

Attributes of **body** tag

Attributes of **body** tag
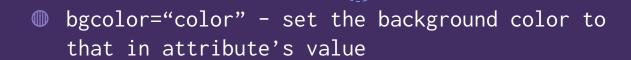
- bgcolor="color" - set the background color to that in attribute's value

- background="img/image.jpg" - set the background to the picture in attribute's value

- text="color" - set the text color to that in attribute's value

4.

Tags for title styling
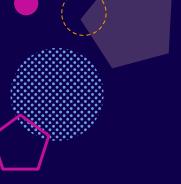
Tags for title styling

h1 is the biggest title and h6 is the smallest

- <h1>Title 1</h1>

- <h2>Title 2</h2>

- <h3>Title 3</h3>

- <h4>Title 4</h4>

- <h5>Title 5</h5>

- <h6>Title 6</h6>

5.

Tags for characters formatting

Tags for characters formatting

- `<b>text</b>` - bold text → **text**

- `<i>text</i>` - italic text → *text*

- `<u>text</u>` - underline text → <u>text</u>

- `text<sup>1</sup>` - superscript text1 → text^1

- `text<sub>2</sub>` - subscript text2 → text$_2$

6.

Setting colors

Setting colors

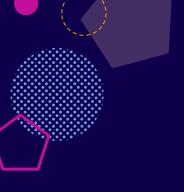- With the name of the color in English. Not recommended

Example: <body text="red">

- With Hex Color Code. Recommended

Example: <body text="#ff9900">

7.

Tags for placement and alignment

Tags for placement and alignment

- `<br/>` - line break (goes to a new line)

- `<p>This is a paragraph.</p>` - makes the text between tags a paragraph

- `<hr/>` - horizontal line

- `<blockquote>This is a quote.</blockquote>` - makes the text between tags a quote

Tags for placement and alignment

- `<pre>Preformatted text</pre>` - it will display the text exactly as written in the source code

- `<nobr>long text</nobr>` - never goes to a new line no matter what is the length of the text

- `<center>text</center>` - set the text center-align on the row
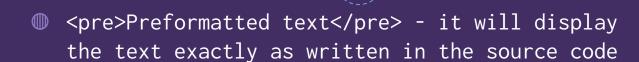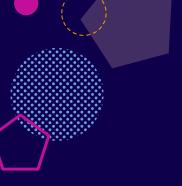
8.

The attribute **align** of a paragraph

```
<p align="left | right | center | justify">
```

- align="left" – set the text left-align

- align="right" – set the text right-align

- align="center" – set the text center-align

- align="justify" – set stretch the text of paragraph to set the width of all lines equal

Thanks!

Any questions?

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Useful links:

https://www.w3schools.com/
https://developer.mozilla.org/en-US/