

Webprogramozás 1.

Web development 1

HTML Basics

Programming the browser



What is html?

HyperText Markup Language

Not programming... only markup :)

```
<!DOCTYPE html>
<html lang="hu">
  <head>
    <title>Hello page</title>
    <meta charset="utf-8">
  </head>
  <body>
    <h1>Hello World!</h1>
  </body>
</html>
```

Anatomy of <tags>, the Building blocks of html

It's a tag, called h1 (heading-1)

The value of the align attribute

We must close this tag

```
<h1 align="left">Hello World!</h1>
```

That's why it's a <tag>

This is an attribute of the tag

The text content of the tag

Tags can have multiple attributes

```

```

Images don't have closing tag, should be closed this way

HTML document skeleton

```
<!DOCTYPE html>
<html lang="hu">
  <head>
    <title>Hello page</title>
    <meta charset="utf-8">
  </head>
  <body>
    <h1>Hello World!</h1>
  </body>
</html>
```

Yes, it's an html5 document

It bounds the whole document

<head> tag contains all meta information

The content is in the <body> tag

The diagram shows the HTML document skeleton with several annotations. A green callout points to the <!DOCTYPE html> tag. A yellow callout points to the <html lang="hu"> tag. A pink callout points to the <head> tag. A blue callout points to the <body> tag. A yellow arrow on the left side points from the </html> tag up to the <head> tag. A pink double-headed arrow is between the <title> and <meta> tags. A blue double-headed arrow is between the <h1> and </body> tags.

OK. What is HyperText?



Document that references (links) to other documents

Let's create a link!

Anchor tag

Target url

```
<a href="http://www.mf.com">Megan</a>
```

Hypertext Reference

Clickable link text

```
<a href="http://www.mf.com">  
    
</a>
```

The image will be the clickable link.

HTML is about content only,
not design!



HTML
Content
(HyperText Markup Language)

https://www.w3schools.com/html/html5_semantic_elements.asp

<https://www.w3schools.com/html/default.asp>

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<https://www.w3schools.com/tags/default.asp>