

Tartalomjegyzék

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Html

We will make our own homepage today!

Creating your homepage

Using the **Linux** konsole create a directory named `public_html` in your home directory:

```
$ cd ~
$ mkdir public_html
$ cd public_html

~/public_html$ wget math.bme.hu/~kkovacs/sample.html
~/public_html$ mv sample.html index.html
```

Now we can check out our homepage at: **math.bme.hu/~<username>**. Check out the contents of `index.html`:

```
~/public_html$ gedit index.html
```

Important

Every browser has a *View source* function. This is the raw HTML data of the site, when you open a webpage this is the first thing that gets downloaded to show you the site.

Syntax

HTML is a type of XML markup language, it consists of *tags*:

```
<tag>
... content
</tag>
```

It usually isn't case sensitive, but there are many types. The basic structure of HTML:

```
<!DOCTYPE ...>
<html>
  <head>
    ... content descriptions, meta-data
  </head>
  <body>
    ... the homepage itself
  </body>
</html>
```

There are tags that don't need to be closed, e.g.:

```
<img ...>
<br/>
```

Instead of:

```
<img ...>XYZ</img>
<br> ... </br>
```

Some tags have optional *attributes*:

```
<div align="center"> ... </div>
<img width="100" ... />
```

We can provide *comments* in the source code. These don't appear on the webpage itself, but can be read through the source of the webpage.

```
<body>
  Content
  <!-- Comment -->
</body>
```

Tasks

Before starting these tasks rename your **index.html** to **sample.html** and start with a new file named **index.html** that only includes this HTML code:

```
<!DOCTYPE html>
<html lang="http://wiki.math.bme.hu/en" http://wiki.math.bme.hu>
  <head>
    <meta charset="http://wiki.math.bme.hu/utf-8" http://wiki.math.bme.hu>
    <title>
      Title of the page
    </title>
  </head>
  <body>
    Website
  </body>
</html>
```

1. Provide a title to your homepage e.g.: Homepage of XY (title tag).
2. Write a welcome message for your homepage (h1, h2, etc. tags).
3. Write a short CV for your homepage, it doesn't have to be perfect, but try to use nice formatting with div, p, table, list tags.
4. Write some links, maybe a list of links (ol, ul, dl these are list tags), you can write links that point to useful sites, or someone else's homepage. (a tag for links)
5. Put a picture on your homepage, it should be a picture of you, but for the sake of practice it can be anything.
6. Create another page (a separate .html file), on this page create a table with your current timetable. Provide a link on your main page (index.html) that points to this page. And another from this timetable page to the main page.
7. Validate your page with the [validator](#), green means okay, if there are some red errors, try to correct those.

8. Beautify your site, write about yourself.

Useful links

- [validator](#)
- [HTML5 Cheat Sheet](#)
- <http://www.w3schools.com/>