Lecture 4

Markdown exercises

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In this notebook we will exercise using Markdown to format our documents.

What is markdown

In Markdown you can just create plain text, but you can also do some formatting. That's what this lesson is about.

Remember you can google everything

A good "cheat sheet can be found here"

Formatting

For starters, it is possible to simply type text.

Structure

But it is also possible to add structure to the text:

```
# Chapter
## Section
### Subsection
#### etc
##### etc
```

Chapter

Section

Subsection

etc

etc

Lists

```
* unordered list
* item 2
  + sub-item 1
  + sub-item 2

1. ordered list
2. item 2
  + sub-item 1
  + sub-item 2
```

Exercise:

Now try to make a list of main points (1,2,3) and sub-points (3a, 3b) and knit to see the result.

1. main
2. also main
3. more main

    a) sub 1
    b) sub 2

Text formatting

Exercise:

Make one **word** in this sentence bold.

Tables

```
First name | Surname |
----------- | ------------ |
Gertjan | Verhoeven |
Misja | Mikkers |
```

Exercise:

a. Copy this table
b. Add a line with your own name
c. Add a column with the title `Role` and fill in the roles after the names (valid roles are teacher, student, or teaching assistant)

First name	Surname	Role
Gertjan	Verhoeven	Teaching assistant
Misja	Mikkers	Teacher
Chris	van den Kieboom	Student

Hyperlinks and images
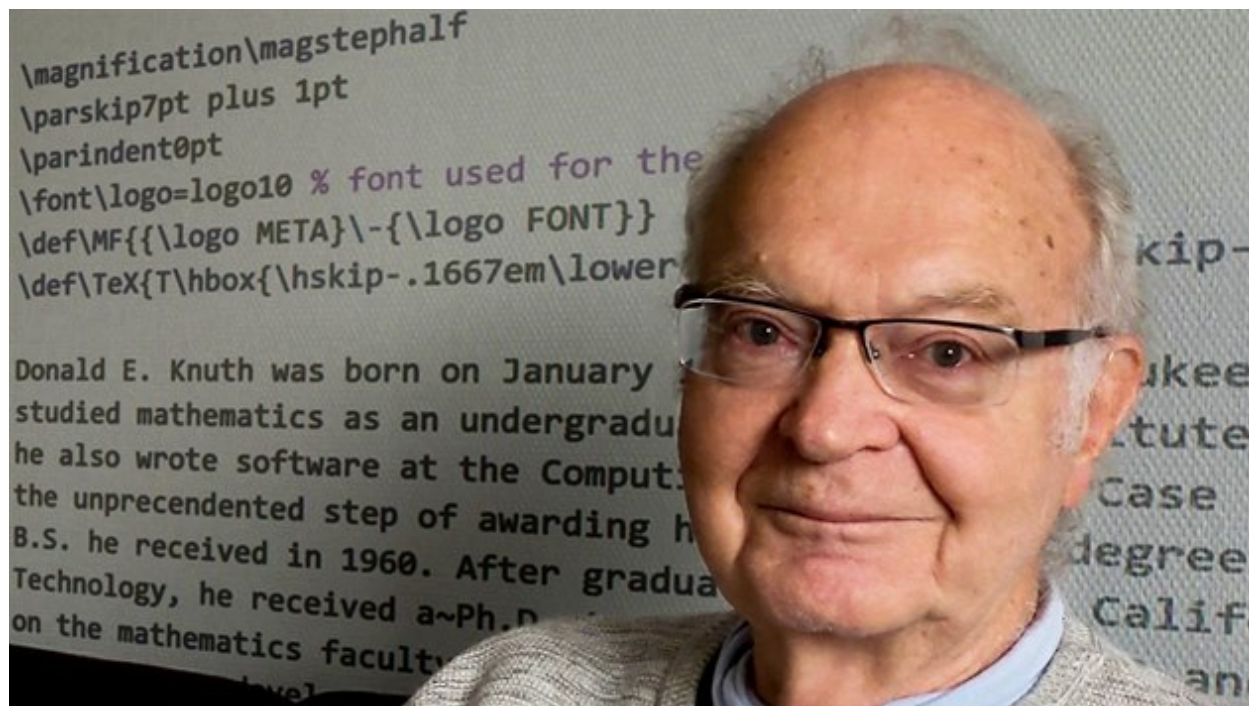
Hyperlinks

Exercise:

Insert a hyperlink to the Tilburg University website.

Tilburg University

Pictures

Exercise:

Insert the photo of Donald Knuth, the inventor of a predecessor of R Notebooks. The photo is in the images folder.

Formulas

Write this image as an inline formula:

$$a^2 + b^2 = c^2$$

$a^2 + b^2 = c^2$

Starting a new page

You can force a pagebreak (new page) using this command. This only works when you convert to PDF.

End of this notebook