



Learn to Love \LaTeX

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What is LaTeX?

- LaTeX is a system for typesetting
- The goal is for authors to focus less on design and more on content
- Very well suited for large documents and scientific work
- Helpful when representing mathematical formulas
- Can be used for slides, papers, posters etc.

What I've Learned

- Reuse reuse reuse → Recycle your own code and all the code you can get from other people
- Error messages are often useless
→ Compile often and try to retrace your steps
- Small commands, e.g. write a `~` before `\ref` and `\cite` to avoid line breaks
- When including images, use pdf instead of png, jpeg etc. for better quality


The todonotes packages

Include: `\usepackage{todonotes}`

When using the beamer package, you also need this line:

`\presetkeys{todonotes}{inline}{}`

TODO: Finish this slide



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figure

Insert a nice picture here

Custom Commands

LaTeX allows you to define custom commands, this can be useful if there is e.g. a sequence of text you will be repeating several times.

Example:

```
\newcommand{\Kristina}[1]{\textcolor{violet}{\textbf{\textit{\{<#1>}}}}}
```

Usage:

```
\Kristina{My custom comment}
```

Result:

<My custom comment>

Tools

- Editors, e.g. Overleaf (useful for collaboration), TeXstudio etc.
- Mathpix: converts handwritten formulas to LaTeX code
<https://mathpix.com/image-to-latex>

Resources

- Interesting LaTeX packages
- Latex hints
- Cheatsheets and tools for Overleaf
- Latex editor guide
- How to define custom commands
- UIBK LaTeX templates
 - **Download from the git and not the university website!**



Thank you for your attention!

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