Further Topics and Goodbye!

Question 1:

What does the command `\newcommand{\thetruth}{LaTeX is better than Microsoft Word}` do?

- ◯ **Every time we write *LaTeX is better than Microsoft Word* in our document, it gets replaced with `\thetruth` .**

- ◯ **Every time we write `\thetruth` in our document, it gets replaced with *LaTeX is better than Microsoft Word.***

- ◉ **LaTeX automatically goes through our document and replace every instance of `\thetruth` with the word "Yes".**

The grand truth

Me

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Contents

1 Displaying Code with Verbatim (YIKES...)

https://www.overleaf.com/learn/latex/Code_listing

We can use either the inline `\verb|text|` environment or "block"

```
\begin{verbatim }
\end{verbatim }
```

2 Multiple Files

```
\usepackage{subfiles}

\subfile{Section1}


In the Section1.tex we srite:
\documentclass[main.tex]{subfiles}

\begin{document}
\section{Section 1}
It is the section inside of the subfile.
\end{document}
```

3 Custom Commands

```
We can create new commands in the preamble of the document:
    \newcommand{\intinf}{\int_{1}^{\infty}}
Now when we write the \intinf we se the entire integral with proper limits.

Or to have a proper spacing when usin abbreviations ending with a period:
    \newcommand{\eg}{e.g.\ }
    \newcommand{\ie}{i.e.\ }
```

3.1 Arguments in Custom Commands

https://www.overleaf.com/learn/latex/Commands

```
We specify the number of inputs in the [] and then use a #1 which is
the number of the input given to the command.
    \newcommand{\intinf}[1]{\int_{#1}^{\infty}}
```

4 Resources and Goodbye!

- https://no.overleaf.com/learn

- https://en.wikibooks.org/wiki/LaTeX

- https://tex.stackexchange.com/