LaTeX and Resume

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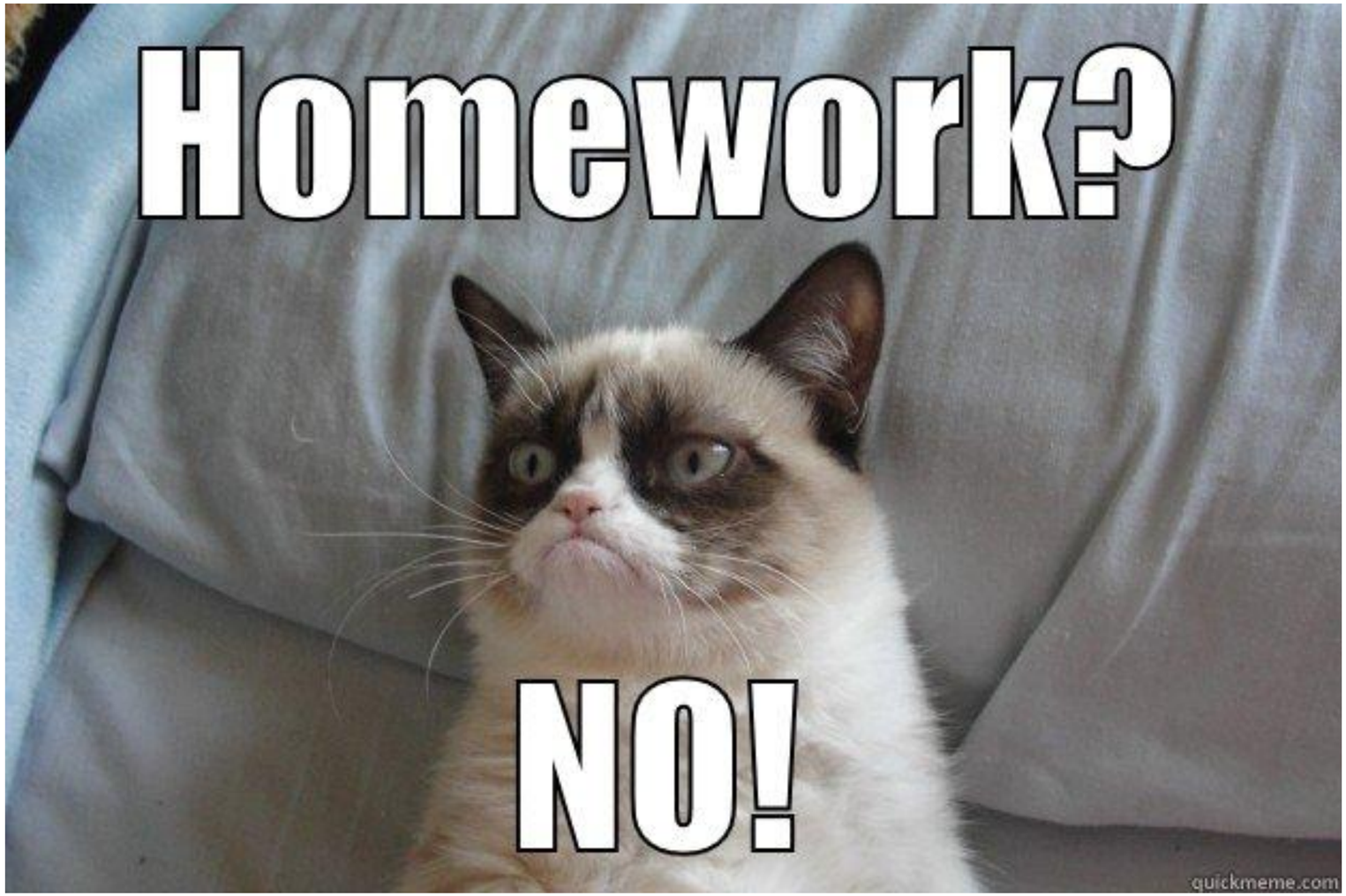
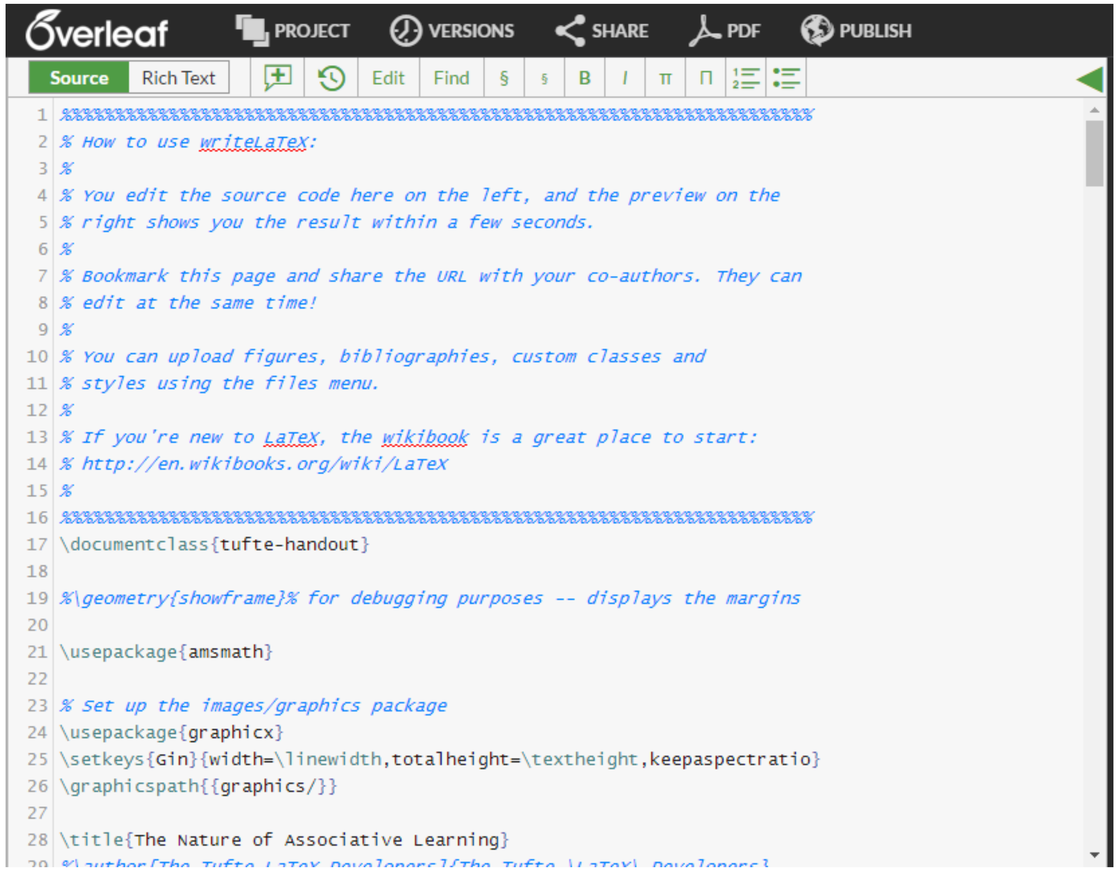
Checking Homework (Github)



What is LaTeX?

LaTeX is a typesetting system that allows you to create documents with high-quality typography. It's widely used for writing scientific papers, articles, books, and presentations.

LaTeX you use special commands to describe the structure and content of your document. It takes care of making your document look professional and meet typographic standards.



LaTeX code example

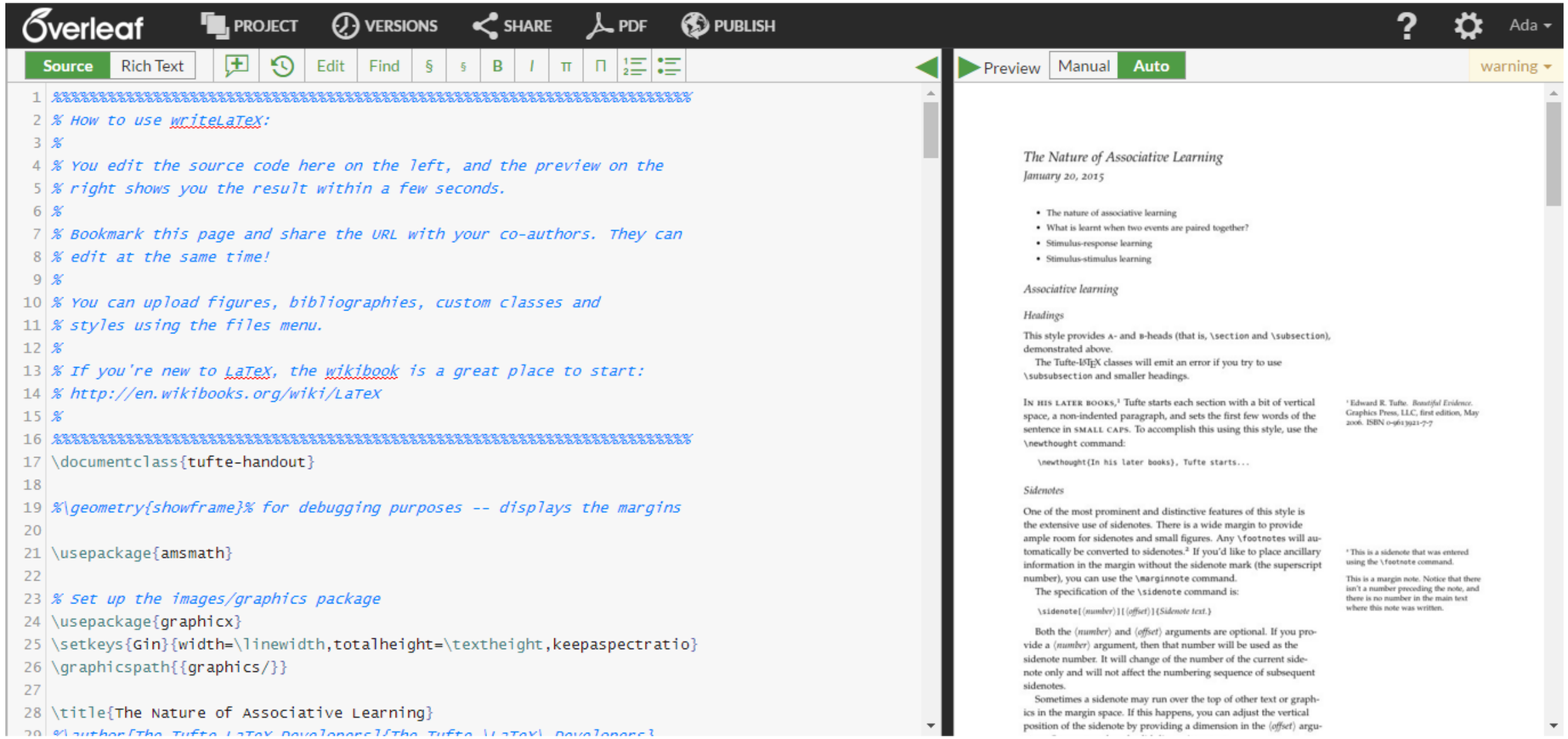
What is LaTeX?

Key Features:

- **High-quality typography**: LaTeX creates documents with a very beautiful and professional appearance.
- **Automatic formatting and numbering**: LaTeX automatically formats headings, lists, tables, footnotes, and other document elements. It also automatically numbers pages, sections, figures, and tables.
- **Easy handling of formulas and mathematical symbols**: LaTeX has a powerful tool for typing mathematical formulas and symbols.
- **Ability to create complex documents with cross-references and table of contents**: LaTeX allows you to easily create complex documents with a large number of sections, figures, tables, and formulas. You can create cross-references between different parts of the document and automatically generate a table of contents.

Why use LaTeX?

It often used for scientific papers, resumes, presentations and other documents.



LaTeX code and result example

LaTeX Syntax Basics

- **Commands**

  LaTeX uses special commands for text formatting. Commands begin with a backslash (‘\’). For example, the command *\section{Introduction}* creates a first level heading "Introduction".

- **Environments**.

  Some formatting elements, such as lists and tables, are created using environments. An environment begins with the command *\begin{...}* and ends with the command *\end{...}*. For example, the itemize environment creates a bulleted list.

LaTeX Syntax Basics

Examples:

- Headings: *\section{Heading}*, *\subsection{Subheading}*, *\subsubsection{Subsubheading}*
- Lists: *\begin{itemize} \item Item 1 \item Item 2 \end{itemize}*
- Formulas: *$E=mc^2$*
- Bold text: *\textbf{Bold text}*
- Italic text: *\textit{Italic text}*

Overleaf

- **What is Overleaf?**

  Overleaf is an online LaTeX editor that allows you to create and edit LaTeX documents directly in your browser.

- **Advantages**:
  - **No need to install LaTeX on your computer**: Overleaf works in the browser, so you don't need to install anything on your computer.
  - **User-friendly interface with syntax highlighting and autocompletion**: Overleaf has a convenient interface that makes working with LaTeX easier. It highlights the syntax of the code and offers command autocompletion.
  - **Ability to collaborate on documents**: Overleaf allows multiple users to work on the same document simultaneously. This is very convenient for collaborative work on projects.

Link: https://www.overleaf.com/

Resume Structure

The perfect resume for beginners — resume **Jake's Resume**.

Link: https://www.overleaf.com/latex/templates/jakes-resume/syzfjbzwjncs.

Hometask

- **Task**: Make your own resume using LaTeX and upload it to GitHub
- **Sources**:
  - https://www.overleaf.com/
  - https://www.overleaf.com/learn/latex/Learn_LaTeX_in_30_minutes
  - https://www.overleaf.com/latex/templates/jakes-resume/syzfjbzwjncs
  - https://github.com/thecrazymage/Resume

Q&A

Thank you for your attention!