

A vintage typewriter, likely a Weir model, is shown from a high angle, resting on a thick, white, shaggy rug. The typewriter is light-colored with a dark keyboard. The text "LaTeX" is prominently displayed in the center, with a subtitle below it. The background is a soft, out-of-focus view of the typewriter's mechanism and the texture of the rug.

# LaTeX

(A high-quality typesetting system for academia)

By Dr. Binuka Gunawardana

# HOW

## to **install**?

*LaTeX is compatible with Windows, Mac OS, and Linux operating systems.*

- 1) Download MiKTeX - ([Getting MiKTeX](#))
- 2) Run MiKTeX
- 3) Choose Your Settings
- 4) Complete Installation
- 5) Open MiKTeX Consol
- 6) Click on check updates and update all the packages



*Photo by Towfiqu barbhuiya on Unsplash  
Photo by Brett Jordan on Unsplash*



# 1) Getting MiKTeX

[Getting MiKTeX](https://miktex.org/download) (https://miktex.org/download)

MiKTeX is available for selected operating systems.

Please check the [prerequisites](#) in order to find out whether your system is supported.

If your system is not (yet) supported: it is not too difficult to [build MiKTeX](#).

Windows

Mac

Linux

Docker

All downloads

Installer


Portable Edition

Command-line installer

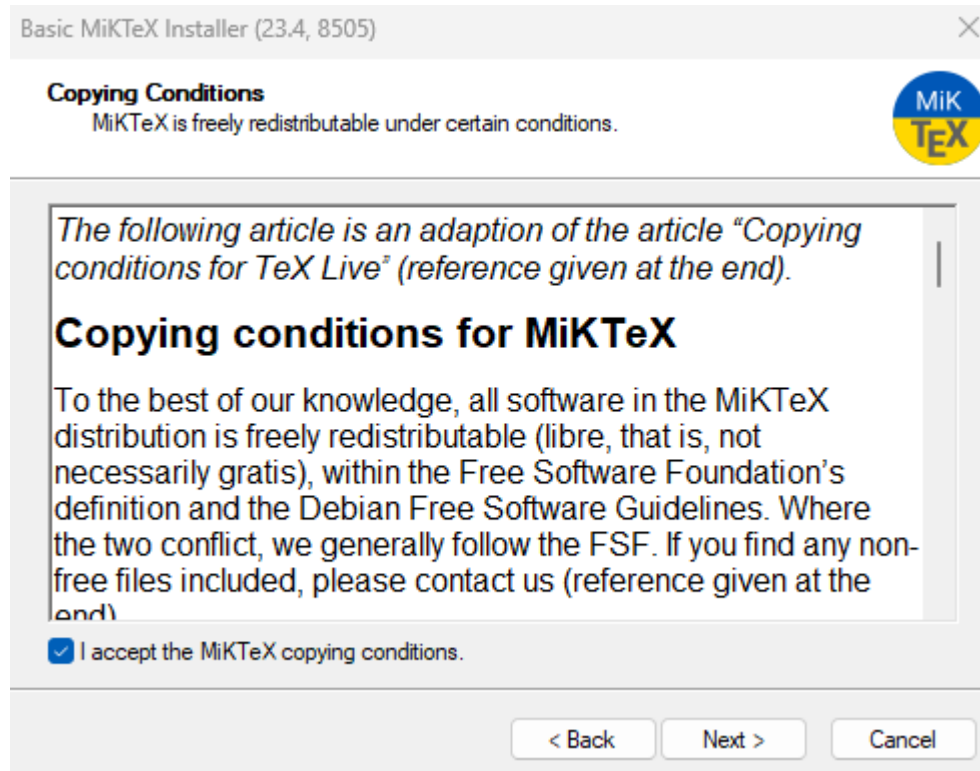
To install a basic TeX/LaTeX system on Windows, download and run this installer.

Please read the [tutorial](#), if you want step-by-step guidance.

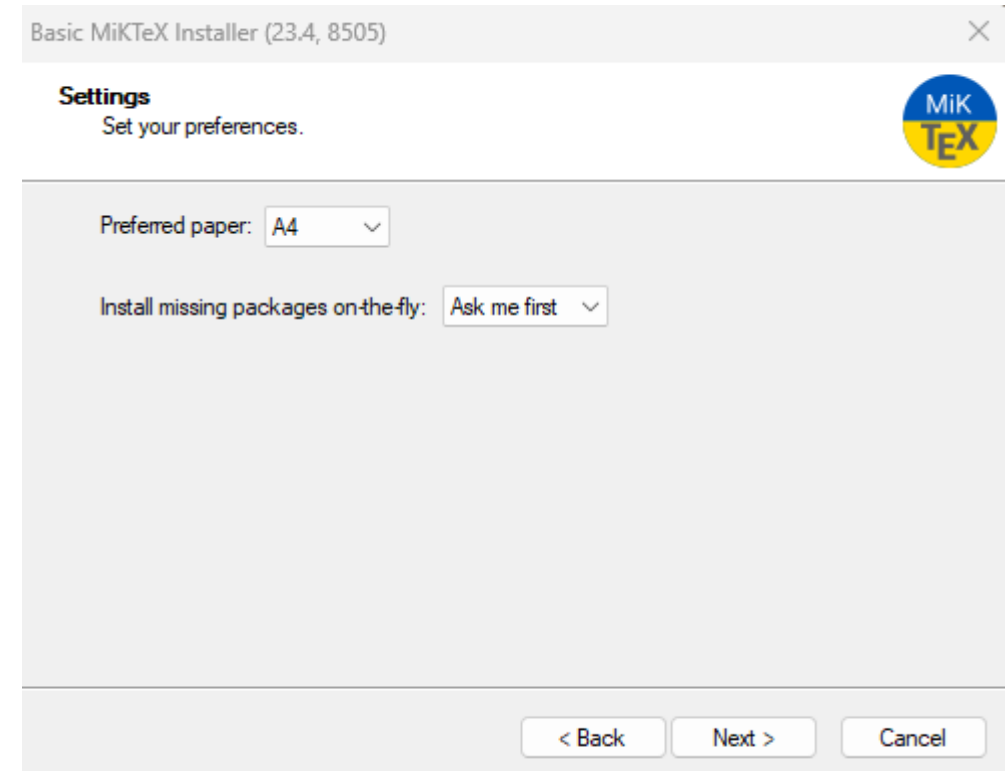
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File name:	basic-miktex-23.4-x64.exe
Size:	134.86 MB
SHA-256:	008e754d1c7816687d0fd64458922fc2d188aab4c10a53481158b42d20be5cb3

 Download

2)



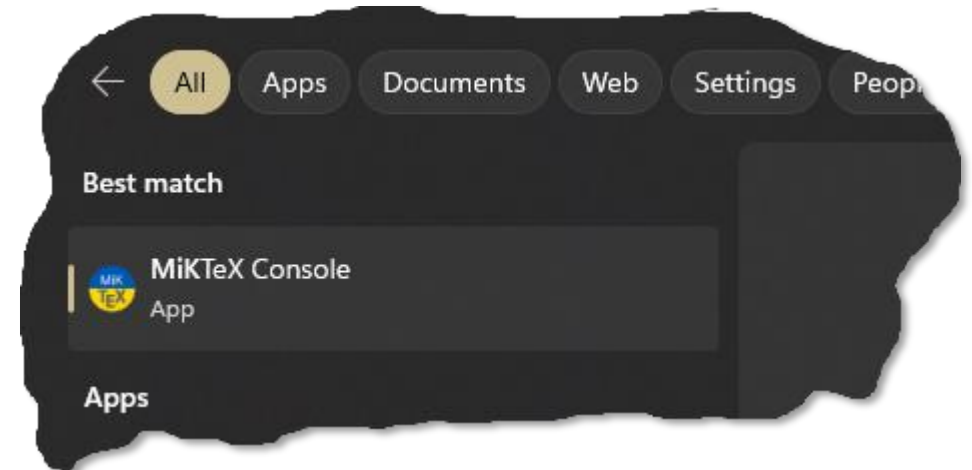
3)



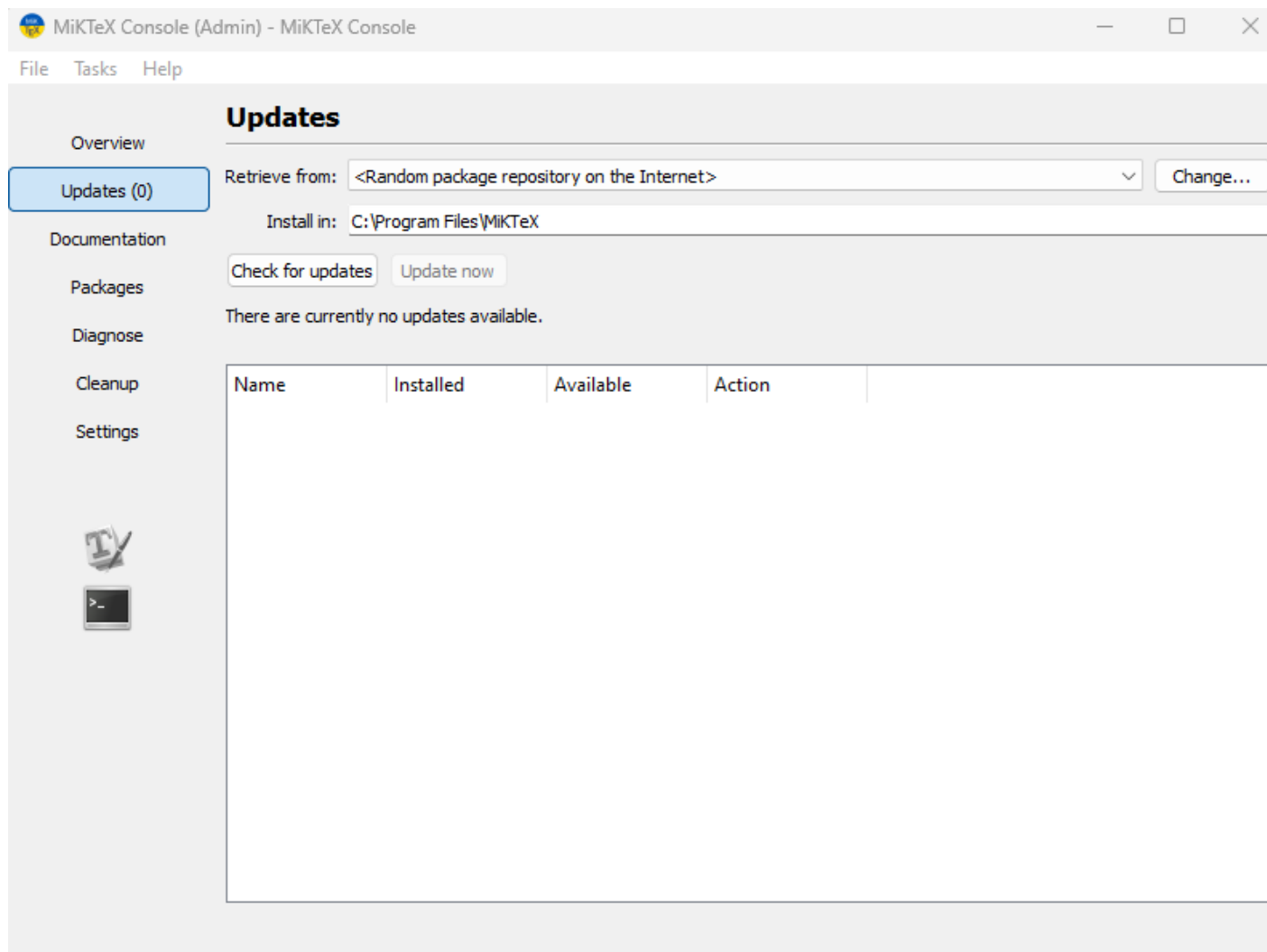
4) Complete Installation



5)

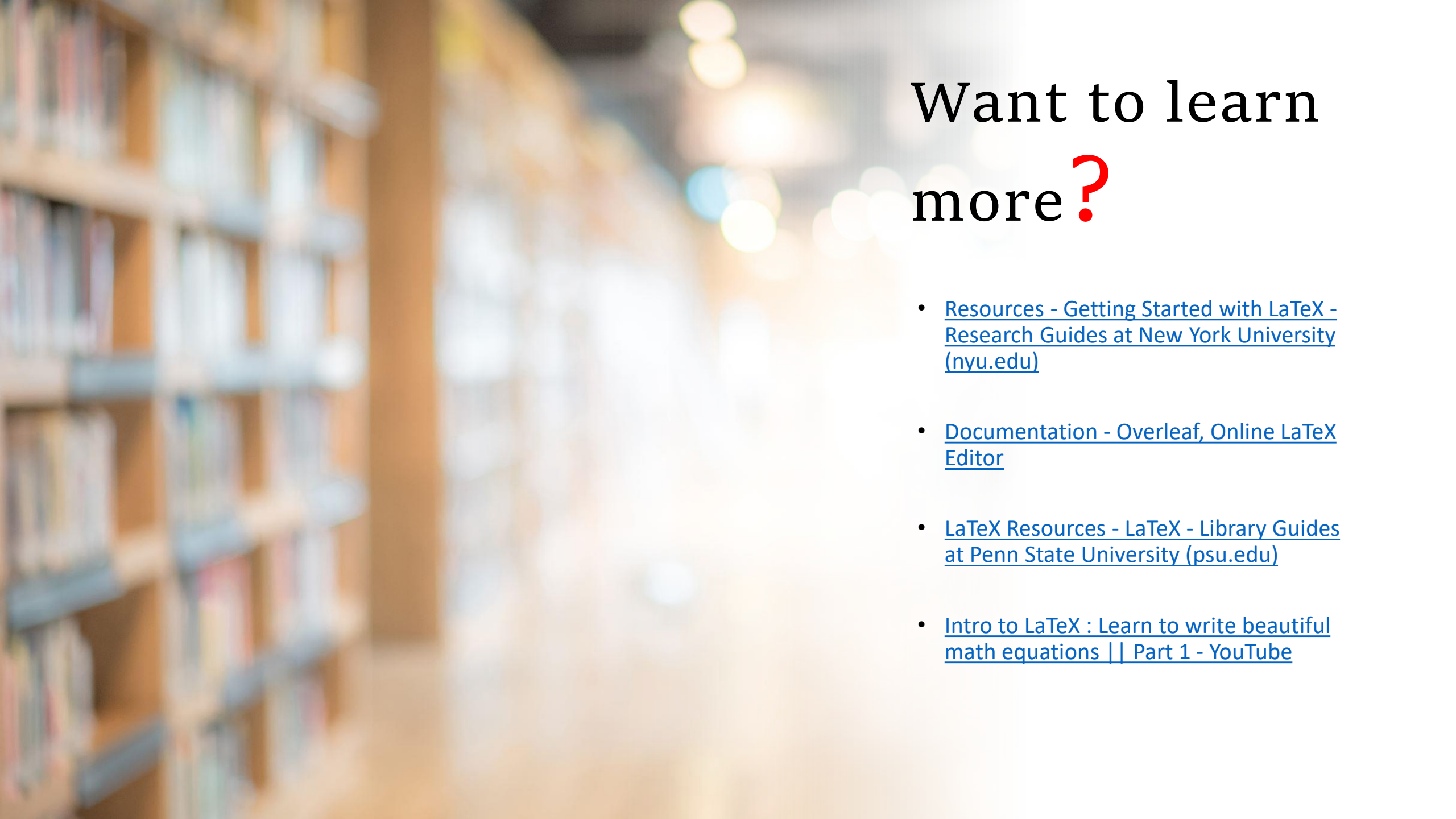


6)



# Open TeXworks in the Start menu





# Want to learn more?

- [Resources - Getting Started with LaTeX - Research Guides at New York University \(nyu.edu\)](#)
- [Documentation - Overleaf, Online LaTeX Editor](#)
- [LaTeX Resources - LaTeX - Library Guides at Penn State University \(psu.edu\)](#)
- [Intro to LaTeX : Learn to write beautiful math equations | | Part 1 - YouTube](#)