

Installing and configuring LaTeX on Windows

The following procedures work on Windows 7/8/10.

IMPORTANT: DO NOT USE SPACE, POINT, ACCENT OR SPECIAL CHARACTERS IN ANY LaTeX FILE NAME!

Required Softwares:

- LaTeX Compiler: **MiKTeX** (<http://miktex.org/download>)

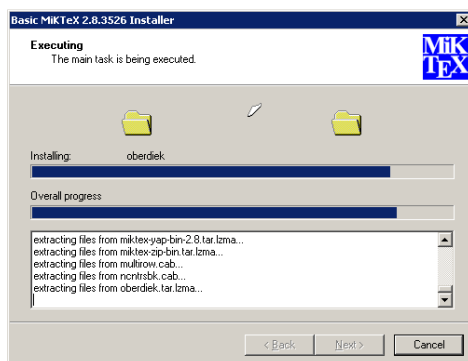
In order to download the complete MiKTeX version, the *Net Installer* version is recommended. It can be found under "*Other Downloads*" tab.

- LaTeX editor: **TeXstudio** (<http://www.winedt.com/download.html>)

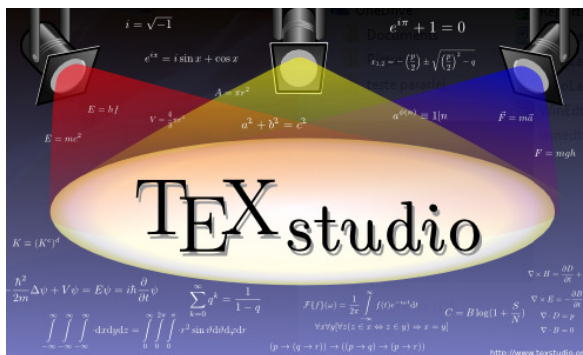
- PDF reader: **Sumatra PDF** (<http://www.sumatrapdfreader.org/download-free-pdf-viewer.html>)

Sumatra PDF is not mandatory, but it is highly recommended to keep Sumatra as your default PDF reader to avoid issues with Adobe Acrobat.

1 - Install MiKTeX



2 - Install TeXstudio:



3 - Install Sumatra PDF:

SumatraPDF v3.1.1	
website	SumatraPDF website
manual	SumatraPDF manual
forums	SumatraPDF forums
programming	The Programmers
translations	The Translators
licenses	Various Open Source
last change	git commit 5d317fd

4 - Configuring Windows

- To show file name extensions on Windows 7 go to this tutorial:

<http://windows.microsoft.com/en-us/windows/show-hide-file-name-extensions#show-hide-file-name-extensions=windows-7>.

- To show file name extensions on Windows 8 click go to this tutorial:

<http://www.laptopmag.com/articles/show-file-extensions>.

5 - Testing:

- Open TeXstudio, go to File > New.

- Copy and paste the sample code bellow in the blank document.

```
\documentclass[10pt]{article}
\usepackage{hyperref}
\hypersetup{colorlinks=true,urlcolor=blue}

\title{Lorem ipsum}

\begin{document}

\maketitle

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec pellentesque justo a dui dignissim, et dictum purus sodales. Aenean elementum, nibh sit amet posuere posuere, nunc nulla facilisis diam, id finibus ipsum nulla ac diam. Maecenas sed tristique neque. Sed varius libero nec dui malesuada, ac aliquet velit porta. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos.

\section{Venenatis eros}

Donec a aliquet diam, ac efficitur est. Donec tempus, leo vitae egestas auctor, risus est porta velit, sit amet venenatis eros est ut risus. Aliquam lorem felis, ultricies sit amet elementum sed, hendrerit a justo. Mauris eget nisi eu ante molestie convallis. Sed fringilla tortor in sapien ornare semper ut pellentesque ligula.

\section{Feugiat nulla}

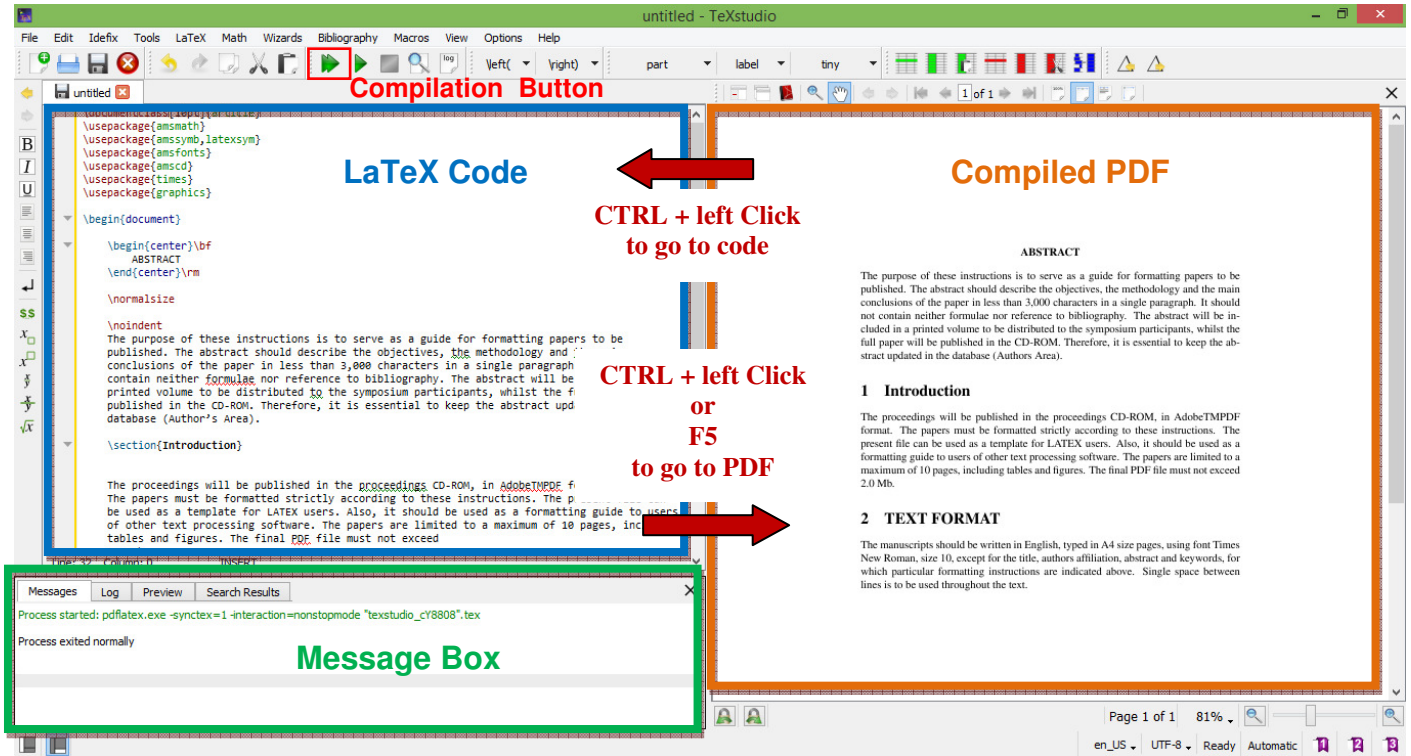
Integer feugiat nulla mattis posuere convallis. Nunc at eros quis eros maximus commodo. Integer vehicula elementum elit, eget sodales justo. Fusce luctus bibendum ex, ac laoreet nisi mattis fermentum.

\section{References}

\href{http://www.lipsum.com/}{http://www.lipsum.com/}

\end{document}
```

- The compiled PDF will appear on the right side:



LaTeX Code - LaTeX code written by the user.

Compiled PDF - PDF document after compilation. It is saved in the work folder.

Message Box - Compiling and error messages will appear here.

Setting Spell Checker Preferences:

- On TeXstudio, go to Options > Configure TexStudio.

- On "Language Checking" left menu, set the default language to your preferred one.

