

A very simple document

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1 Introduction

This is one of the smallest \LaTeX documents ever, to see whether you can compile this to a PDF.

2 Compiling your document

In order to generate the PDF file from the \LaTeX source file `SimpleDocument.tex`, you need to *compile* the source. People typically use TexWorks (tug.org/texworks), the combination of MikTeX miktex.org and TexStudio texstudio.org or the website www.overleaf.com.

3 Style

3.1 Paragraphs

Here is some text that is hopefully long enough to create a small paragraph. If the text is *not* long enough, I'll add more. If it is *still* not long enough, I'll add even more. If it is *still* not long enough, I'll add even more. If it is **still** not long enough, I'll add even more. If it is *still* not long enough, I'll add even more. If it is *still* not long enough, I'll add even more. If it is *still* not long enough, I'll add even more. If it is *still* not long enough, I'll add even more.

Note that hard returns in the code do nothing. However, an empty line creates a new paragraph. Note that the default paragraph style uses indentation. If you use the `parskip` package in the preamble (“header”) of the source file, it will turn into an empty line. You may need to have to install the package first.

3.2 Equations

Creating an equation is easy, as illustrated by Equation 1.

$$-e^{i\pi} = 1 \tag{1}$$

3.3 Lists

There are at least two types of lists:

1. enumerate
2. itemize

There are several types of lists:

- enumerate
- itemize