Using LaTeX in category theory

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This document is a quick how-to for the students of the category theory class at the CMU. It contains specific and practical knowledge of LaTeX which will be useful to write homework solutions.

1 Writing your document

1.1 Setting up your document

To get started with LaTeX, section 1 of the WIKIBOOK on http://en.wikibooks.org/wiki/LaTeX provides descriptions of what LaTeX is, how to obtain it and the basics of LaTeX-syntax.

The basic layout of the source code of the document you are currently reading is

```
1  \documentclass{article}
2
3  \title{Using \LaTeX~in category theory}
4  \author{Egbert Rijke}
5  \date\today
6
7  % Before you begin writing your document you have
8  % space to set up user-defined commands, or to
9  % load existing packages containing frequently
10 % used commands. This part of the file is called
11 % the preamble.
12
13 \begin{document}
14 \maketitle
15
16 % Write the text you want the document to contain
17 % between the \begin{document} and the
18 % \end{document} declarations.
19
20 \end{document}
```