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### Chapter 1

# Literature Review

### 1.1 First Compile

how to compile basic hello world into a pdf.

Write your favorite text editor create file and copy/paste the following (with hello.tex):

#### 1.1.1 Output formats

different output formats (dvi, pdf)

The output of this command \$latex hello.tex will be a dvi file (hello.dvi). This file (.dvi) can be converted by \$dvipdf hello.dvi The get an pdf file from tex file, run this command \$texi2pdf hello.tex

# Chapter 2

### **Document Structure**

#### 2.1 Reserved Characters

The following symbols characters are reserved by LATEX because they introduce a command and have a special meaning.