

LaTeX

Command syntax: `\cmdname [opt-arg]{req-arg}`

Environment syntax: `\begin{envname}text\end{envname}`

First command: `\documentclass{}`

Preamble commands: `\usepackage{}` `\include{}`

Body content: `\begin{document}` `body` `\end{document}` Title page: `\title{}`
`\author{}`
`\maketitle`

`\%` `“` `”` `\{` `\}`

`_` `\$` `\#` `\&`

`\` `\\`

`\hspace{}` `\vspace{}` `\mbox{}` `\fbox{}`

`\textbf{}` `\underline{}` `\emph{}` `\texttt{}`

`{\small}` `{\normalsize}` `{\large}` `{\Large}` `{\LARGE}`

Show exactly as I type: `\begin{verbatim}whatItype\end{verbatim}`

Section: `\section{foo}` Subsection: `\subsection{bar}`

Label: `\label{sec:foo}` Refer: `\ref{sec:foo}`

Footnote: `\footnote{text}`

Citation: `\bibitem{foo}` in `biblio.tex`, `\cite{foo}` in `text`

Text Mathmode: `$math$` or `\(math\)` or `\begin{math}`
`math`
`\end{math}`

Display Mathmode: `$$math$$` or `\[math\]` or `\begin{displaymath}`
`math`
`\end{displaymath}`

Compile “foo.tex”: `make foo.pdf` Get rid of extra files: `make clean`

Ignore error: `<Enter>`

Stop compiler: `x`

Go to error in emacs: `M-x goto-line linenum`

View PDF output: `acroread foo.pdf &`

http://www.artofproblemsolving.com/LaTeX/AoPS_L_About.php

<http://www.mit.edu/sipb/docs.html>

<http://www.ctan.org/tex-archive/info/lshort/english/>

<http://web.mit.edu/rsi/www/2008/tech/>