Cheatography

LaTeX part1 Cheat Sheet

by Savvyisme06 via cheatography.com/203386/cs/47128/

Document Setup

`\documentclass{<type>}`	sets doc type to `<type>`
`\documentclass[<param>]{<type>}`	`\documentclass` but also specified by `<param>`
`\usepackage{<package>}`	allows `<package>` to be used
`\title{<document title>}`	specifies the document title
`\author{<name>}`	specifies the author
`\thanks{<group>}`	goes inside `{}` of `\author`

Chapters and sections

`\documentclass{book}`	sets document type to `book`
`\part{<partname>}`	creates new part called `<part>`
`\chapter{<chaptername>}`	creates new chapter called `<chaptername>`
`\section{<sectionname>}`	creates new section called `<sectionname>`
`\subsection{<subsectionname>}`	creates new subsection called `<subsectionname>`
`\subsubsection{<subsubsectionname>}`	creates new subsubsection called `<subsubsectionname>`
`\paragraph{<paragraphname>}`	creates new paragraph called `<paragraphname>`
`\subparagraph{<subparagraphname>}`	creates new subparagraph called `<subparagraphname>`

`\part` and `\chapter` are only available for `report` and `book` document classes

Document Structure

`\begin{document}`	start of document
`\maketitle`	typesets the title author and date
`\end{document}`	end of document

Bold, italics and underlining

`\textbf{<bolded-text>}`	puts `<bolded-text>` in bold
`\textit{<italic-text>}`	puts `<italic-text>` in italics
`\underline{<underlined-text>}`	underlines `<underlined-text>`
`\emph{<emphasized-text>}`	emphasizes `<emphasized-text>`

Images

`\usepackage{graphicx}`	allows graphics importing
`\graphicspath{{images/}}`	sets image directory in`graphicx` to `images/`
`\includegraphics{<image>}`	displays `<image>`

Lists

`\begin{itemize}`	begins an unordered (bullet) list
`\end{itemize}`	ends unordered list
`\begin{enumerate}`	begins an ordered (numbered) list
`\end{enumerate}`	ends an ordered list
`\item <en try>`	adds `<entry>` to current list

Paragraphs and new lines

press "enter" twice	new paragraph
`\\`	newline

Comments

`%`	comments out the rest of the line
`\usepackage{comment}`	allows below comment type to work
`\begin{comment}`	begins multi-line comment
`\end{comment}`	ends multi-line comment
`\iffalse`	starts multi-line comment
`\fi`	ends multi-line comment
`\usepackage{todonotes}`	allows todo-note style comments
`\todo{<comment>}`	makes a todo note of `<comment>`
`\presetkeys{todonotes}{inline}{}`	makes `todonotes` comments inline

Math

`$<expression>$`	adds `<expression>` as inline math
`\[<expression>\]`	adds `<expression>` as display-mode math

Abstracts

`\begin{abstract}`	begins an *abstract*
`\end{abstract}`	ends an *abstract*

abstracts are brief overviews/summaries of the core topics/arguments of scientific articles.

Table of contents

`\tableofcontents`	creates table of contents
`\addcontentsline{toc}{<type>}{<name>}`	manually adds the `<type>` named `<name>` to table of contents

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