

# ICAT L<sup>A</sup>T<sub>E</sub>X CheatSheet

## Document classes

`book` Default is two-sided.

`article` No `\part` or `\chapter` divisions.

Used at the very beginning of a document:

`\documentclass{class}`. Use `\begin{document}` to start contents and `\end{document}` to end the document.

## Common documentclass options

`10pt/11pt/12pt` Font size.

Usage: `\documentclass[opt,opt]{class}`.

## Packages

`url` Insert URL: `\url{http://...}`.

Use before `\begin{document}`. Usage: `\usepackage{package}`

## Title

`\author{text}` Author of document.

`\title{text}` Title of document.

`\date{text}` Date.

These commands go before `\begin{document}`. The

declaration `\maketitle` goes at the top of the document.

## Document structure

`\part{title}`

`\section{title}`

`\chapter{title}`

`\subsection{title}`

## Text properties

### Font face

*Command Declaration Effect*

`\textbf{text}` `{\bfseries text}` **Bold series**

The command `(ttt)` form handles spacing better than the declaration `(ttt)` form.

### Font size

`\tiny` *tiny*

`\normalsize` *normalsize*

These are declarations and should be used in the form `{\small ...}`, or without braces to affect the entire document.

## Text-mode symbols

### Line and page breaks

`\\` Begin new line without new paragraph.

### Miscellaneous

`\today` August 9, 2010.

## Sample L<sup>A</sup>T<sub>E</sub>X document

`\documentclass[11pt]{book}`

`\usepackage{url}`

`\author{Name}`

`\title{Template}`

`\date{1. August 2010}`

`\begin{document}`

`\maketitle`

`\chapter{my first section}`

`\section{section}`

`Sectiontext`

`\subsection{subsection}`

`%comment`

Normal text `\\ %textbreak`

`\tiny` *% set font to tiny*

`tiny testtext \\`

`\normalsize` *% set it back to normal*

But you can easily embed `{\tiny tiny text}` into other sizes.

`\subsection{Link}`

Link to ICAT: `\\`

`\url{http://www.icat.ac.id/}`

`\chapter{Timechapter}`

`\section{Whats the date?}`

`\today`

`\end{document}`