

Latex Certificate Course Instructions

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Instructions

1. Open day03.tex in Verbtex
 - (a) Download Daily Course Material and Assignment Instructions for Day 3 (day03.tex, asg03.pdf) from Google Classroom.
 - (b) Open Internal storage/Android/data/verbosus.verbtex/files/Local/Latex Course/ Folder using File Manger Application.
 - (c) Delete all files in ../Latex Course/ Folder.
 - (d) Copy day03.tex file into Internal storage/Android/data/verbosus.verbtex/files/Local/Latex Course/ Folder.
 - (e) Open Verbtex Application.
2. Exercises
 - (a) Add a subsection “Combined Styles” before `\end{document}`.
 - (b) Add a line “This word is both boldface and italic.” under the subsection “Combined Styles”.
 - (c) Add boldface style to “word” and “boldface”.
 - (d) Add italics style to “word” and “italics”.
 - (e) Save day03.tex and Generate pdf.
3. Upload day03.tex, and Latex Course.pdf files into Google Classroom as your response to the assignment.

1 \LaTeX Concepts

1.1 Commands and Comments

- The words starting with the `\` symbol are \LaTeX commands.
For example : `\documentclass`, `\usepackage`, `\begin`, `\section`.
- Everything that follows a `%` symbol in a line are comments. \LaTeX doesn't read comments.
For example : `% Start the document`

1.2 `\begin{document}... \end{document}`

- Your document content will be in between these two lines.
Anything before `\begin{document}` or after `\end{document}` are not printed.

1.3 Text Formatting

- `\textbf` Boldface Fonts
For example : `\textbf{Bold}` produces **Bold**
- `\textit` Italics Fonts
For example : `\textit{Italics}` produces *Italics*
- A command may be used inside another.
For example : `\textbf{ \textit{word} }` produces ***word***

1.4 Line Break Command

- `\\` is used for line break.

1.5 Table of Contents

- `\tableofcontents` for auto-generating Table of Contents with page numbers.

1.6 Starred Variants

- `\section{...}` has a starred variant `\section*{...}`
- Starred variants of section/subsection/subsubsection skip numbering.
- Starred variants doesn't appear in Table of Contents
- An additional entry into the 'toc' file can be made using `\addcontentsline{toc}{...}{...}`

1.7 Logical Design

- In \LaTeX , document preparation is done in different stages.
 1. Write your document : Text, Image, Table, ...
 2. Design your layout : Paper Size, Margin, Page Decorations, ...
 3. Typeset your document : Font Style, Size, Spacing ...

2 Bonus Material

- Try adding a starred section/subsection into Table of Contents without removing the star.
- Visit [https://en.wikibooks.org/wiki/LaTeX : \$\text{\LaTeX}\$ wikibook](https://en.wikibooks.org/wiki/LaTeX:_\LaTeX_wikibook)