Latex Certificate Course Instructions

Jacob Antony

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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 : LaTeX wikibook