Latex Certificate Course Instructions

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Instructions

1. Open day02.tex in Verbtex

   (a) Download Daily Course Material and Assignment Instructions for Day 2 (day02.tex, asg02.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 day02.tex file into Internal storage/Android/data/verbosus.verbtex/files/Local/Latex Course/ Folder

   (e) Open Verbtex Application

2. Exercise

   (a) Open day02.tex using Verbtex

   (b) Change title as "Latex Course Assignment" ie. \title{Latex . . . }

   (c) Change author to reflect your name ie. \author{ . . . }

   (d) Save day02.tex and Generate pdf

   (e) day02.tex, and Latex Course.pdf will be automatically saved in Internal storage/Android/data/verbosus.verbtex/files/Local/Latex Course/ Folder

3. Upload day02.tex, and Latex Course.pdf files into Google Classroom as your response to the assignment.

1 LaTeX Concepts

1.1 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 . . .

1.2 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

1.3 \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.

1.4 Sectioning Commands

- \part - not available in articles

- \chapter - not available in articles

- \section - 1st Level Heading

- \subsection - 2nd Level Heading

- \section - 3rd Level Heading

- \paragraph - 4th Level Heading

- \subparagraph - 5th Level Heading

1.5 Starred Variants

- Every sectioning Command has a starred variant.
  For example : \section{...} has a starred variant \section*{...}

- Starred variants skip automatic numbering.

1.6 Errors

- LaTeX is case-sensitive. You should use exactly the same command, without even changing uppercase/lowercase.
  For example : \Documentclass{article} will give an error.

- If \ is missing, then LaTeX won't recognise the Command.

- If { } are not properly paired, then LaTeX will give an error.

- LaTeX won't accept certain symbols &, \, _, %. There is an alternate scheme for printing these symbols.

Bonus Material

1. Try adding a few **section**, and **subsection** to this document.

2. Try **section***, **subsection*** and find out the difference.

3. Try adding % symbol at different places in your document.

4. Visit https://www.latex-project.org/ : LaTeX Official Website

5. Visit https://en.wikipedia.org/wiki/LaTeX : wikipedia page on LaTeX