

Latex Certificate Course Instructions

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Instructions

1. Open day06.tex using Verbtex
 - (a) Download Daily Course Material and Assignment Instructions for Day 6 (day06.tex, asg06.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 day06.tex file into Internal storage/Android/data/verbosus.verbtex/files/Local/Latex Course/ Folder.
 - (e) Open Verbtex Application.
2. Exercise
 - (a) Add starred subsection “Assignment” under section Day 6
 - (b) Write the following mathematical expressions under “Assignment”
 - i. $3^2 + 4^2 = 5^2$
 - ii. $\sin \pi = 0$
 - iii. $5 \times 4 = 20$
 - iv. $a_2x^2 + a_1x + a_0$
3. Upload day06.tex, and Latex Course.pdf files into Google Classroom as your response to the assignment.

1 \LaTeX Concepts

1.1 Arithmetic Operators

- $1 + 2$ produces $1 + 2$
- $1 - 2$ produces $1 - 2$
- 1×2 produces 1×2
- $x = 1$ produces $x = 1$

1.2 Set Operators

- `$x \in X$` produces $x \in X$
- `$A \subset B$` produces $A \subset B$
- `$A \supset B$` produces $A \supset B$
- `$A \cap B$` produces $A \cap B$
- `$A \cup B$` produces $A \cup B$

1.3 Relational Operators

- `$x \leq y$` produces $x \leq y$
- `$x \neq y$` produces $x \neq y$
- `$x \geq y$` produces $x \geq y$

1.4 Superscripts & Subscripts

- `2^3` produces 2^3
- `2_4` produces 2_4
- `2^3_4` produces 2_4^3

1.5 Greek Letters

- `α` produces α
- `β` produces β
- ...
- `ω` produces ω

Bonus Material

- Try a multidigit superscript/subscript.