

# Latex Certificate Course Instructions

Jacob Antony

February 17, 2021

## 1 Exercise

Change the section ‘1.1 Arithmetic operations’ to ‘1.1 Addition and Subtraction’. Also change subsection ‘Division is well-defined’ into subsection ‘1.3 Division is well-defined’. And note that ‘1.3 Division’ changes to ‘1.4 Division’ automatically.

## 2 Commands

A word following backslash is a  $\text{\LaTeX}$  command. There are 7 different commands in ‘day02.tex’. But, we will discuss the last three commands only.

`\documentclass` Specifies the document class - article, letter, book, . . . .  $\text{\LaTeX}$  prepares a minimal document layout depending on the document class. This includes page margins and page numbering.

`usepackage` This command allows us to use additional commands. There are hundreds of package available for different purposes. This includes packages for drawing images.

`\begin` This command is used to indicate the begin of an environment. In ‘day02.tex’, document environment is used.

`\end` This command is used to indicate the end of an environment.

`\section` This is the first level heading in an article document. The sections are numbered automatically in arabic numerals.

`\subsection` This is the second level heading in an article document. The subsections are also numbered. And the numbering of subsections will also indicate the number of its parent section.

`\subsection*` This a starred variant of subsection command.