Exercises for Lab Evening Session

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Dear Participants,

We welcome you to the first lab session of workshop. Following are the instructions for running various exercises to be executed using LaTeX GUI TEXstudio. A folder of exercises would be provided to you. The folder contains list of exercises based on different section and each section further have folders for individual exercise. In each exercise there are two parts:

1. Tasks to be performed.

2. Demonstration of the syntax

The process for generating PDF is to click green button under menu bar on TEXstudio. Once you click it and do pdflatex, right hand side window will show the output pdf generated. If the cross reference has not appeared then try to do pdflatex one more time. Below is the list of exercise you have to perform.

1 Creating a Document

1. Handling preamble of the Document, abstract, Comments, and displaying the title of your document.

2 Lists

1. Creating Unordered list.

2. Creating Ordered lists.

3. Creating Nested Lists.

3 Document Structure

1. Creating parts, Chapters, sections, subsections.

2. Creating Numbered and unnumbered parts, Chapters, sections.

3. Working with Glossaries, Nomenclature and index

4. Creating Hyperlinks in the document and Linking web addresses.

5. Inserting Footnotes in Documents

6. Managing Table of contents of document.

4 Figures

1. Inserting figures in the document.

2. Creating captions, Labels and cross-references.

3. Scaling Images and rotating images.

5 Tables

1. Creating tables in the document with variable width.

2. Creating tables in the document with fixed width.

3. Creating captions, Labels and cross-references.

4. Creating multi-row and multi-column tables.

6 Page Formatting

1. Creating Headers and Footers of your document

2. Creating and changing page numbering.

3. Managing paragraph spacing

4. Creating multiple columns style

5. Displaying Code Content using verbatim environment

7 Mathematics

1. Inserting Math equation in the Doucment.

2. Create equation numbering and cross referencing it.

3. Create equations using fractions