Introductory Lecture on LaTeX

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Contents

References

ABSTRACT

In this lecture we will learn[1] about a document type setting system. It first appeared in 1985. It is now extremely popular in the scientific and academic communities, and is extensively used in industry.

1 Introduction

In this lecture we will learn about the document type setting system LaTeX[1, 2]. It first appeared in 1985. It is now extremely popular in the scientific and academic communities, and is extensively used in industry.

1.1 Subsection of Introduction

In this lecture we will learn about a document type setting system. It first appeared in 1985. It is now extremely popular in the scientific and academic communities, and is extensively used in industry.

1.2 Subsection of Introduction

In this lecture we will learn about a document type setting system. It first appeared in 1985. It is now extremely popular in the scientific and academic communities, and is extensively used in industry.

1.2.1 Subsubsection of Introduction

In this lecture we will learn about a document type setting system. It first appeared in 1985. It is now extremely popular in the scientific and academic communities, and is extensively used in industry.

2 Example of Itemize

In this lecture we will learn about a document type setting system. It first appeared in 1985. It is now extremely popular in the scientific and academic communities, and is extensively used in industry.

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[1]an example of footnote

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3   Example of enumerate

In this lecture we will learn about a document type setting system. It first appeared in 1985. It is now extremely popular in the scientific and academic communities, and is extensively used in industry.

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4   Example of description

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Description 2 In this lecture we will learn about a document type setting system. It first appeared in 1985. It is now extremely popular in the scientific and academic communities, and is extensively used in industry.

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5 Examples of how to align text

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6 Examples of various type faces

This is bold

<u>This is underlined</u>

This is emphasized

7 Examples of various font sizes

This is tiny

This is scriptsize

This is footnotesize

This is small

This is normalsize

This is large

This is Large

This is LARGE

This is huge

This is Huge

8 Examples of Maths

$Thisis^{superscript}$

$Thisis_{subscript}$

$Thisis^{superscript}_{subscript}$

x^{y^2}

x^{2y}

$x = \frac{y+z/2}{y^2+1}$

A square root $\sqrt{x+y}$ and an nth root $\sqrt[n]{2}$

$\overbrace{a+b+c}+d$

$\underbrace{a+\overbrace{b+\cdots+y}^{24}+z}_{26}$

9 Examples of Greek letter and maths symbols

$\alpha\ \beta\ \gamma$

$\pm\ \leq\ \ll$

$\subset\ \Leftarrow\ \infty$

10 Examples of tabbing

abcd   abcd
efgh   efgh
              pqr
mno

10.1 Another example of tabbing

cc: Director
    Deputy Director
    Dean, Research and Development
    Dean, Faculty Affairs

11 Examples of tabular

	email	Office	Tel
1	ska	CS202	7614
2	sb	CS218	7574
3	jalote	CS318	7619

11.1 Another example of tabular

	email	Office	Tel
1	ska	CS202	7614
2	sb	CS218	7574
3	jalote	CS318	7619

11.2 Yet Another example of tabular

	email	Office	Tel
1	ska	CS202	7614
2	sb	CS218	7574
3	jalote	CS318	7619

12 How to insert and resize figures

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test-eps-converted-to.pdf
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References

[1] Lamport L, "A Document Preparation System LaTeXUser's Guide and Reference Manual", Addison Wesley Publishing Company, 1994.

[2] Goossens M, Mittelbach F, Samarin A, "The LaTeXCompanion", Addison Wesley Publishing Company, 1994.