



Latex Assignment
Computer Peripheral and
Interfaces

Shubham Menkudle

Part I

Assignment 1

Chapter 1

Assignment 1

1.1 Use Paragraphs, change fontsize and font-family

Paragraph 1 LaTeX, which is pronounced Lah-tech or Lay-tech (to rhyme with blech or Bertolt Brecht), is a document preparation system for high-quality typesetting. It is most often used for medium-to-large technical or scientific documents but it can be used for almost any form of publishing.

subparagraph 1 LaTeX is not a word processor! Instead, LaTeX encourages authors not to worry too much about the appearance of their documents but to concentrate on getting the right content.

subparagraph 2 LaTeX is based on the idea that it is better to leave document design to document designers, and to let authors get on with writing documents.

- 1.2 Write algorithm for Bubble sort using package algorithm
- 1.3 Solve following equation step by step:
- 1.4 Multiply two matrices, one 3 by 2 and second 2 by 4. Take matrix value yourself
- 1.5 Take your own code from an assignment and make it color-coded using minted
- 1.6 Using chapter, section, subsection, subsubsection etc
- 1.7 Write binomial formula for $(a + b)^5$
- 1.8 Write formula for $\sum_{x=1}^n x^2$
- 1.9 solve following:
- 1.10 Using references for tables, figures, algorithms and citations
- 1.11 creating footnotes
- 1.12 how to link table of content entries to page numbers

Part II

Assignment 1 Code