CS-213 : Software systems Lab

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CS-251: Software systems Lab

- Unix/Linux utilities
- Bash
- Sed
- Awk
- HTML
- Javascript
- PHP
- SQL
- LaTex
- Version control (git)

Latex

- document preparation system
- books, reports, articles, presentations
- Containing lot of mathematics
- based on $T_{\!E}\!X$ by Donald Knuth
- Leslie Lamport

Latex basics

\documentclass{article}
\begin{document}

Hello

\end{document}

Latex basics

Compiling source file on linux terminal

1. pdflatex file.tex
2. evince file.pdf &

Latex basics : source file .tex

\documentclass{article}
\begin{document}

Hello

% Comments here.

\end{document}

Latex basics : features

1. positioning of text
2. fonts and sizes
3. paragraphs
4. lists
5. sections, subsections
6. tables
7. bibliography
8. packages
9. figures

Lab Submission

Create a tar ball

1. rollno.tar.gz
2. containing .tex, .pdf, .eps/.jpg files