

Beautiful Docs with Latex!

Hello!



AGENDA



- Intro to Latex
- Latex components
- Intro to Sharelatex
- Some Demo and hands on experimentation

What will you get out of this?



- Basic knowledge on Latex
- Able to use sharelatex
- Some fun interactions ;)
- Some techy self marketing (CV, Resume)
- Impress your teacher(lab reports, assignments, presentations)

A collection of geometric shapes in the top-left corner, including a pink circle, a dashed yellow circle, a purple pentagon, a blue dotted circle, and a pink pentagon.

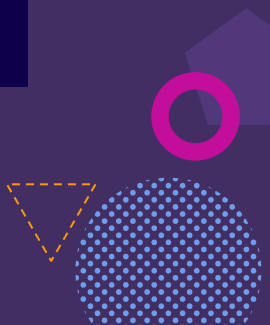

L^AT_EX

A collection of geometric shapes in the top-right corner, including a blue triangle, a dashed yellow circle, a purple circle, a pink striped circle, and a blue pentagon.A collection of geometric shapes in the bottom-left corner, including a blue pentagon, a pink triangle, a yellow striped triangle, and a dashed blue circle.A collection of geometric shapes in the bottom-right corner, including a pink circle, a dashed yellow triangle, a blue dotted circle, and a purple pentagon.



“

LaTeX, which is pronounced «Lah-tech» or «Lay-tech», 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.

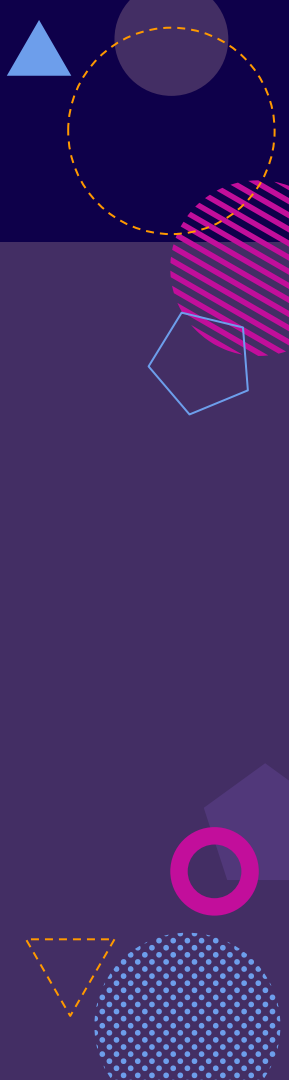





ShareLaTeX



ShareLaTeX is an open-source online
real-time collaborative LaTeX editor.





Why LaTeX?

LaTeX structure



```
\documentclass{...}
```

```
\begin{document}
```

```
...
```

```
\end{document}
```

`\documentclass[options]{class}`



Article	For articles in scientific journals, presentations, short reports, program documentation
Books	For real books
Slides, Beamer	For writing presentations
Report	For longer reports containing several chapters, small books, thesis

`\documentclass[options]{class}`



10pt, 11pt, 12pt	Sets the size of the main font in the document.
a4paper, letterpaper	Defines the paper size. The default size is letterpaper
twocolumn	Instructs LaTeX to typeset the document in two columns instead of one.
titlepage, notitlepage	Specifies whether a new page should be started after the document title or not.

LaTeX structure



- Inserting images
- Inserting tables
- Inserting items (bullet points)
- Paragraphs formatting
- Sections, subsections


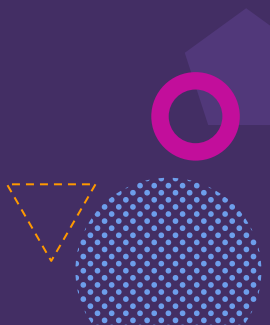
Marketing yourself!



Resume

- Skills
- Work History
- Education
- Projects
- Objective, goals

CV

- Detailed structure on what's given in your resume.
- 
- 

Impress your teacher



Presentations

Lab Reports

Assignments

You can find the samples over here

<https://github.com/daminisatya/latexSamples>

FOSSASIA





Thanks!

Any questions?

You can find me at @Daminisatya