

Lecture 14: Start Drafting Your Final Report



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Final Report

☐ **Due today (4/23) 11:59 PM**

☐ **Each group is required to turn in a report**

- ☐ It is a proposal for what you plan to finish next semester
- ☐ It is a contract between you and me
- ☐ It is a document to tell people why they will care

☐ **This is a big report that has many items**

- ☐ Introduction, challenges, timelines, etc...

☐ **Finish the report along the way**

- ☐ Don't push it to the LAST minute!
- ☐ A good proposal takes time, effort, and people to compile which doesn't happen just overnight

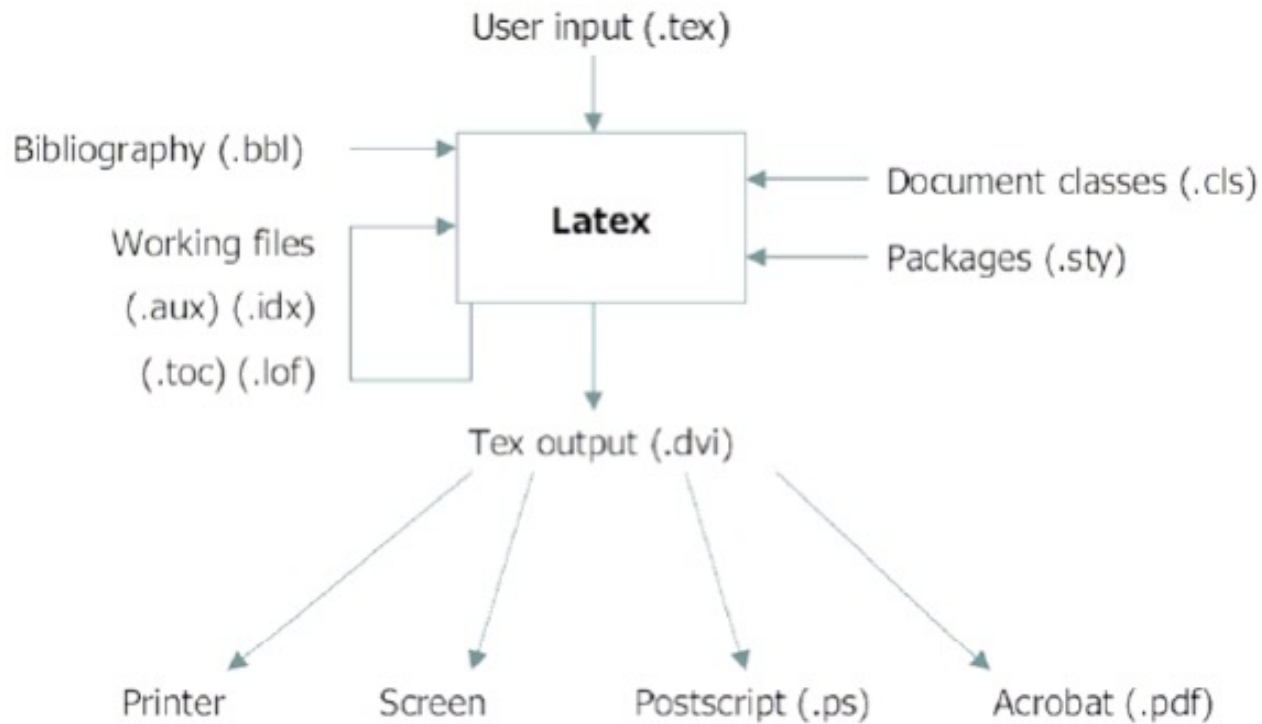
We will use Latex

- ☐ LaTeX is pronounced “lay-tech” or “lah-tech,” not “la-tekts.”
- ☐ LaTeX is a document preparation system for high-quality typesetting.
- ☐ LaTeX is most often used to produce technical or scientific documents, but it can be used for almost any form of publishing.

Why use Latex Not Micro... Off...

- ☐ Designed by academics and easily accommodates academic use.
- ☐ Professionally crafted predefined layouts make a document really look as if “printed.”
- ☐ Mathematical symbols and equations are easily integrated.
- ☐ Even complex structures such as footnotes, references, table of contents, and bibliographies can be generated easily.
- ☐ Forces author to focus on logical instead of aesthetic structure of a document.
- ☐ Creates more beautiful documents.
- ☐ Portable, compatible, flexible, versatile, and cheap (or free)!

Latex Workflow



Printer Screen Postscript (.ps) Acrobat (.pdf)

Installing Latex

❑ <https://www.latex-project.org/get/>

Live Demo

- ❑ **We have created a final report template for you**
 - ❑ https://github.com/tsung-wei-huang/cs3992/tree/main/final_report/template
- ❑ **You can use collaborative editors**
 - ❑ Overleaf: <https://www.overleaf.com/>