Latex
modules

Chl. What is latex?

It's a tool of typsetting professional-looking documents.

Unlike herd or other CeUI based typsetting softwes type Commands to get desired outputs. Latex Commands)

A Tex engine compiles your

document then you see it.

(Tex takes one of visualization)

to Aut in a pdf form)

Ch 2. Why fearn Latex.

Useful for equation, tables, technically content, etc.

(for sciences)

easier for footretes, bibliographics, indexes table of contents, list of figures.

very l'ustemizable basel on See add-on packages. ease templetes in latex con be defined based on application because of layout/style.

(treplates, are document)

Style/pyout types. Ch3. Writting your first piece of Latx. ex) (First Project in)
oveleaf

locument class & article 3
begin & document 3
First downent. This is a simple
example, with no extra parameters
or Packages included.
\ and & document 3

Latex (an also cover
inderting like first

sentures of ow paragraph

(example of taking case of Girmthing)

· document class Enticle3, declares

document type known as its

class.

· Each document types require different class.

· To know lakx class types look into CTAN (comprehensive Tex Archive network)

The body of the document is between \byin\Edocument 3 \card \end \Edocument 3 \document 3.

· Recomplile 1.5 just button to press to compte tex downerts after you make edits.

- An ovokat project can be contigued to rampile automatically each tire its edited,
- · Stops for automatic Recomple:
 - 1.) (like small arrew rext
 to recompile.
- 2) Then set Autoloopile to
- · Next re gire a document

a little so rext thing is to give it a tiffe.

Cht. The Pranble of a downert.

· Each project has a main

fex file, Used for stoling

in Overleaf.

· · tex extrusion is used when

Naning files containing your

downerts Latex code.

· everything Latex commands betwee begin & document 3 is Called preamble in texfile This is called document

"Setup" Section? his is where you define (luss (Type) document, larguages, pockages you would like to use and other types of config
like Fonts. ex) (document minimal)
Preamble · The overall class type is

defined first. Additional

powerete like werd size, papersize

in the article class.

· In previous example 12 pts

Ets the fent size.

Interpaper sets the paper size.

vserpackage Egraphicx3 is

an example is a package

to desire to import graphics

images. Ch5. Including title, author and date information: