Product Plan

Define a language for building flipbooks and make a compiler for the same.

MVP
- Implement a lexer and parser to read very basic command (range based flipbook)
  - Work for case where image and range is provided.
- Generate PDF
- Implemented MVP

Iteration 2
- Add position capability and multiple image capability
- Implement Grid Structure
  - Would help to add multiple images to same screen
  - Would help to add resized images in particular location
- Implemented Iteration 2

Iteration 3
- Make gif output
- Implemented Iteration 3

Iteration 4
- Add basic Tkinter GUI for better UX.
- Implemented Iteration 4

Future Iterations
- Better Error handling
  - We can use the AST constructed to give a meaningful error in case of wrong instruction Eg - if someone inputs 1, as position we can raise syntax error
- Add easier movement controls
  - We can extend the language to add more controls such as single command to define linear movement
- Better env control
  - We can give user control to decide pdf background color heading color etc.