

A. Explore Wayscript, go through the tutorial about how to use the website. Write a summary on:

1. What's your understanding on Wayscript and what are they trying to do for users?
Wayscript is a drag and drop visual programming platform. It allows users to create modules to automate tasks and use third-party applications, with little to no programming experience required. The drag and drop interface also eliminates the need to write code and learn syntax, making it easier for non-programmers to understand.
2. As a user, how would you make use of their product?
I would use Wayscript to make use of third-party apps and APIs, or to automate a task to save myself time from having to write the code myself.

B. Explore the repo. Professor and I added a few setup for it. Try to figure out:

1. What is a makefile? Why is it important in DevOps?
The *make* utility uses the makefile to automate certain tasks. It contains shell commands to be executed. The makefile is important in DevOps because the makefile is time-saving and also prevents human error. The set of commands can sometimes be very long, so automating the process instead of having a developer write out and execute each command by hand saves a lot of time. Furthermore, performing this automatically decreases the risk of a developer missing a step or mistyping a command.
2. What is the ptml file in the html_src folder? Why we are doing in this way? (A close look into the makefile will give a lot of hints)
The ptml file is a pre-processed html file. It is arbitrarily named ptml to have a different name than html. The makefile looks for all ptml files and automatically processes them into html files. Processing involves linting the ptml file for html errors, such as tag checking. Processing also involves including fragments of code that is common throughout the ptml files. This makes it unnecessary to write repetitive code. It also allows us to make changes more efficiently. Instead of editing all of the files in case of a change, we only need to edit a single file and the change will be reflected in the generated html files.