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 programming tool that can be used without understanding the nuances of programming. As long as someone understands the logic of what they want to build, they can easily create it through WayScript without ever learning a programming language.

2. As a user, how would you make use of their product?

As a user, one feature that WayScript handles very well is third party API's. Through WayScript, a program that interacts with multiple API's can be easily created in minutes. Also, the scripts you create can be automated with the click of a button, so repeating repetitive tasks (like sending daily emails) can easily be performed through WayScript.

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?

A makefile is a file containing shell commands that when executed, will build your source code. All of the commands listed in the makefile can be executed with the unix utility, "*make*". When you have a program with many source/header files, making one change in a file that other files may depend on, it will require you to recompile all of the dependent files. If you use a makefile, this process can be solved with a single command. In DevOps, this is important as it allows other people or programs to quickly test your builds and it reduces the odds that a developer will enter an incorrect 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 preprocessed html file. The makefile looks for all existing ptml files and converts them into html files. During this conversion, we can both lint for possible tagging and formatting errors, as well as include common chunks of code (such as the menu bar). This way, there is less repeated code and multiple html files can be changed by only updating a single file.