

## Sprint 1:

**Refactor code:** Rewrite the code to use an integers instead of just a vector of objects. - Scott

**Add instruction for remainder:** Add an additional instruction to allow for a remainder operation – Tyler

**Create the interface for a second program:** Create the input and interface for the user to enter a second set of instructions.

**Create a second escape instruction:** Create a second “escape” instruction (like -99999) for the program to run after loading the second program

## Sprint 2:

**Add instruction for exponents:** Add an additional instruction to allow for exponential operations – Tyler

**Expand memory to 1000 integers:** Redesign the code so that the memory array can hold 10 times as much memory as before – Scott

**Create a graphical user interface:** Find a way for the user to deal with a user-friendly graphical interface – Kevin

**Create a function or class that schedules the programs:** Create a means for the program to run each program one line at a time, essentially running them simultaneously

**Design a means to save the data in the accumulator between programs:** To avoid conflicting issues between the two programs, make sure the value in the accumulator is saved and kept separate.