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Prelab P1+P2

1. In problem one, we create code that will put numbers on a stack and then add up all of these numbers. So far I'm thinking to write code that stacks all the numbers first, then when it pulls them out, we add them up in a general register. This may change.
2. In this problem we are going to write the fibonacci sequence recursively. To do this, I will refer to last class's lecture slides as Wolfe had examples of how to code recursively and how to keep the link register from breaking.
3. In this problem, we will read the inputs of the physical joystick. To do this, I intend to look at last lab's code as we enabled bits on the board last class as well. After that, by this point in the lab, I should have a fairly good understanding of subroutines and can just finish the code.

Prelab P3

Joy center (pin 0) has a different resistor configuration than joy up (pin 3). This is because the joystick moves into different positions and can be pressed. Both GPIO pins must be enabled, but you also have to enable the pull down resistor.