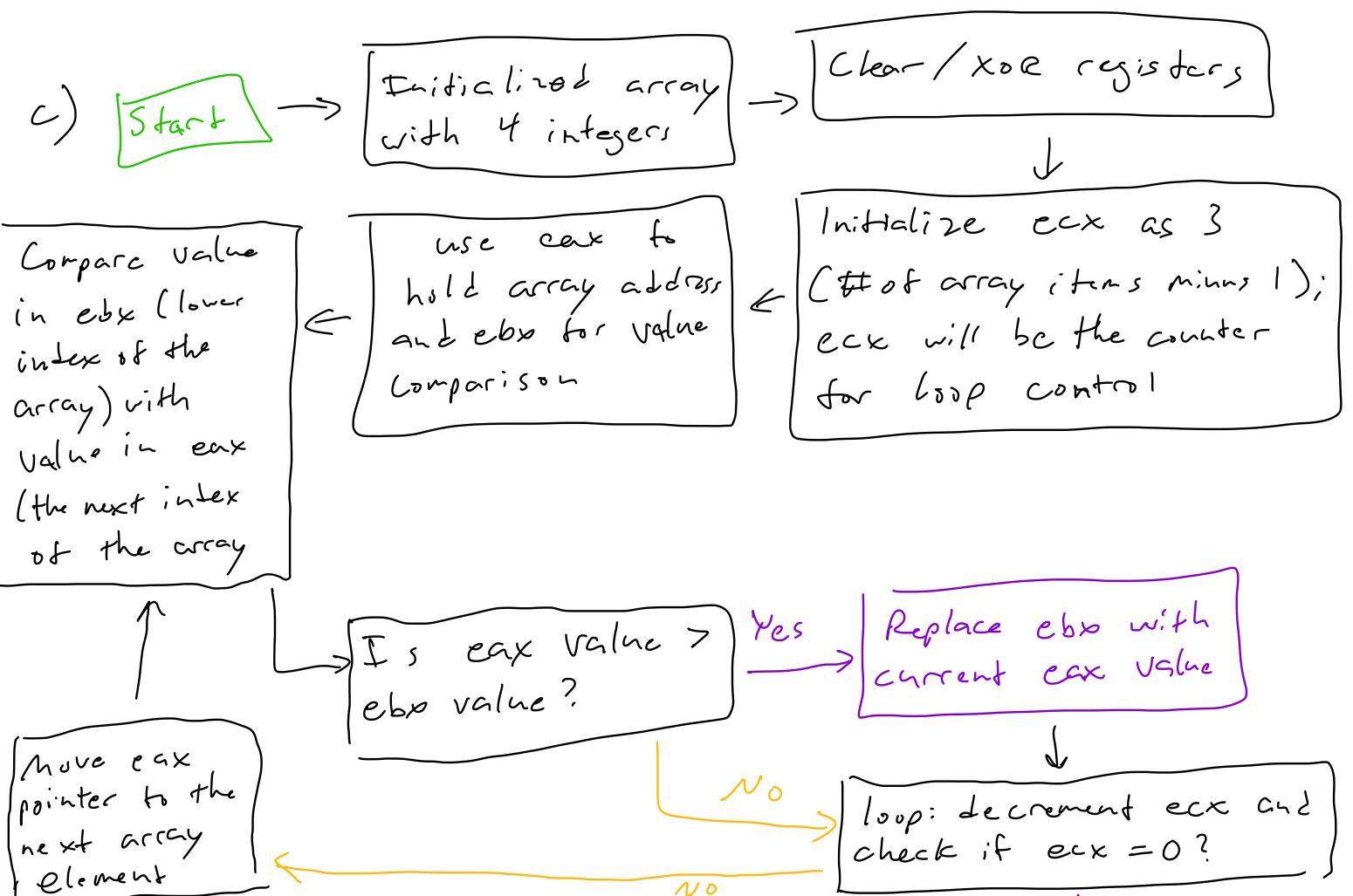
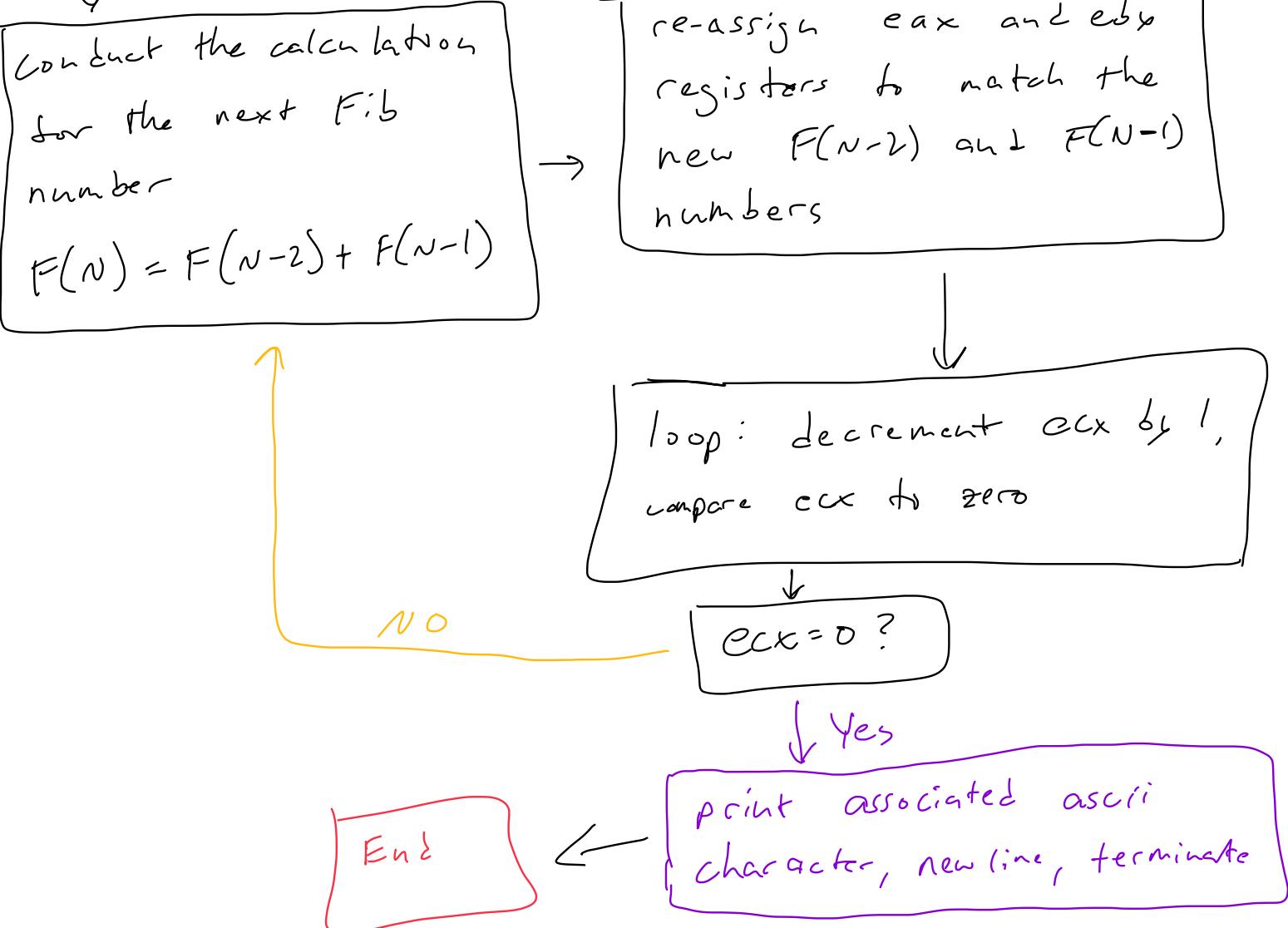
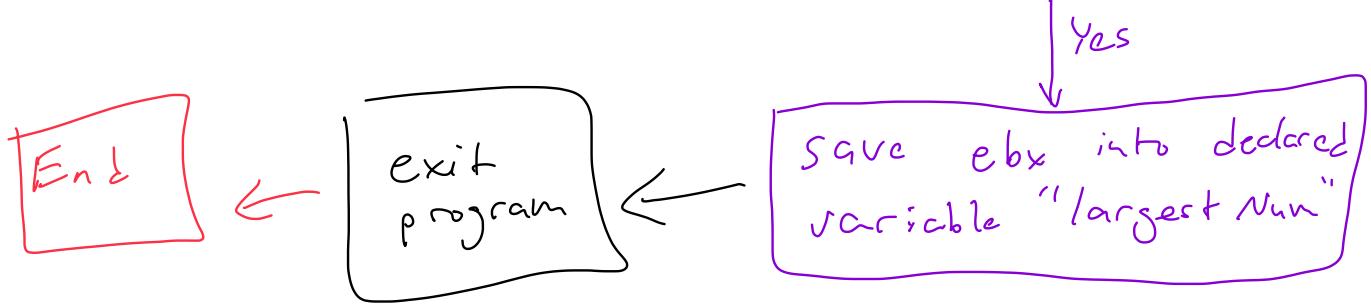


Flowcharts







Challenges

On part (b), calculating the tenth Fibonacci number, I initially had a complex code sequence that updated the initialization variables that held the first and second numbers in the Fib sequence with the new numbers needed for the next calculation. This was cumbersome and I realized that I could achieve the same thing only using eax and ebx for the calculations, and edx as a temporary value holder while updating eax and ebx after the calculation. This removed the need to update the memory variables after each calculation. My code block went from ~8 lines to 4 once I cut the variable updates and register re-assignments.