

1. xA3FF
2.
 - a. TEST
 - b. FINISH
 - c. SAVE3
 - d. SAVE2
3.
 - a. LD R0, B
 - b. ADD R3, R3, R0
 - c. HALT
 - d. A .FILL #0
 - e. B .FILL #30
4. It counts the amount of even numbers in the sequence
5. It multiplies whatever number is in R1 by 4, x200C