

CSE 232 Systems Programming

2023 Spring

Assignment 2

Purpose: The purpose of this assignment is to practice arithmetic operations and conditional branch instructions in M6800 assembly language programming.

Write an assembly language program which counts odd and even numbers separately from 0 to 10. You can use any address as a counter when adding numbers. Do not include 0 and 10.

You should store the number of odd numbers in the address 50H and the number of even numbers in the address 60H.

Number of Even Numbers=4

Number of Add Numbers=5