

Computer Organization

Test Program for Final Project

(Due: Jan. 11, 2015)

- Given an array of integers and the array size, please adjust the array elements in reverse order and update the contents in the array.
 - Ex: 3,48,25,77,56 → 56,77,25,48,3
- Please implement this program using the machine code of your CPU
- Assume the address of this array and its size are given in specific registers. (you can assign it before simulation)
- Assume the contents in the array are already stored in the data memory. (you can assign it before simulation)
- Please execute this program and show the following information in the simulation. (partial waveform capture is required in the report)
 - Number of instructions
 - Number of required cycles
 - The values in the array before and after calculation