

# Lab 2 Report

By Adrian Gomez, 20119988

Registered Lab Session: 3A

Bo Tsai

EECS 20

## Table of Contents:

Code for Lab, Page 2-3

Screenshot for Before, Page 3

Screenshot for After, Page 4

Screenshot for Console, Page 5

Questions for Lab, Page 5

## Code for Lab 2

.ORIG x5000

AND R1, R1, #0

ADD R1, R1, #3

AND R2, R2, #0

ADD R2, R2, #5

AND R3, R3, #0

ADD R3, R3, #6

AND R4, R4, #0

AND R5, R5, #0

AND R6, R6, #0

ADD R4, R1, R2

ADD R4, R4, R3

NOT R6, R1

ADD R1, R6, #1

ADD R5, R2, R1

AND R0, R0, #0

ADD R0, R0, R4

ADD R0, R0, #15

ADD R0, R0, #15

ADD R0, R0, #15

ADD R0, R0, #3

TRAP x21

AND R0, R0, #0

ADD R0, R0, R5

ADD R0, R0, #15

ADD R0, R0, #15

ADD R0, R0, #15

ADD R0, R0, #3

TRAP x21

AND R0, R0, #0

ADD R0, R0, R6

ADD R0, R0, #15

ADD R0, R0, #15

ADD R0, R0, #15

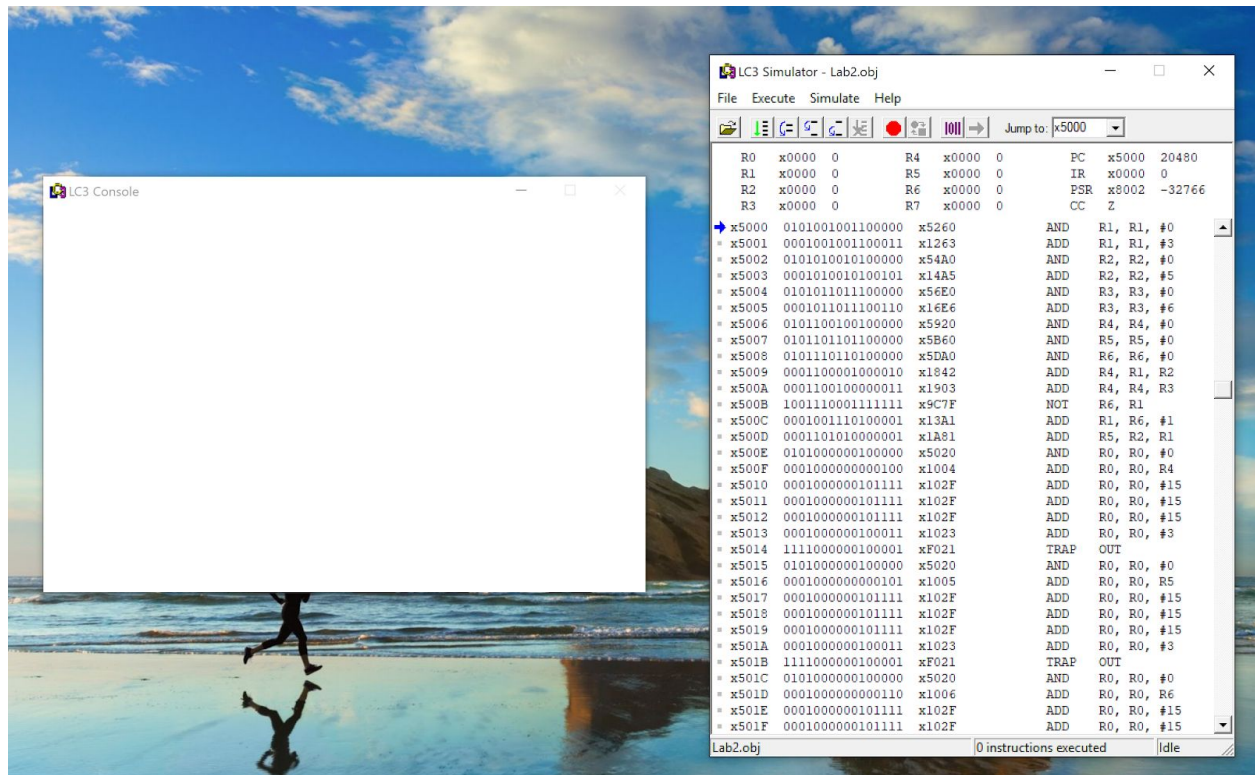
ADD R0, R0, #3

TRAP x21

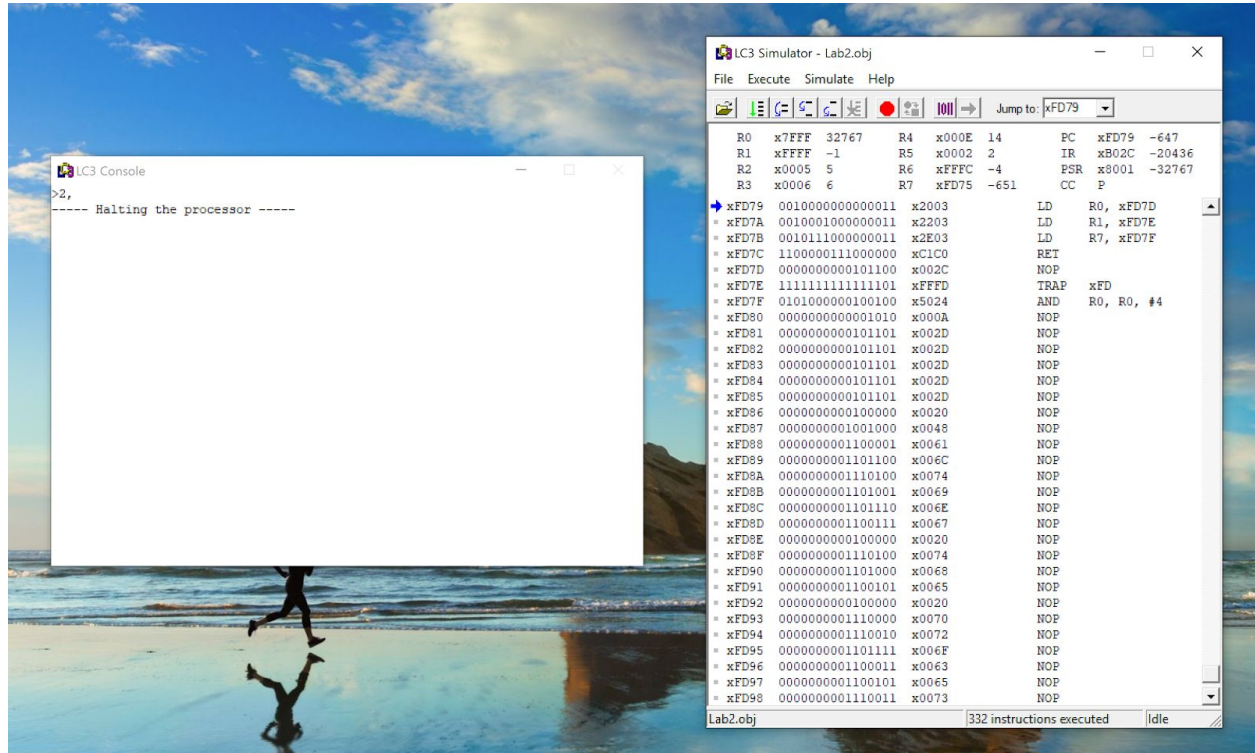
TRAP x25

.END

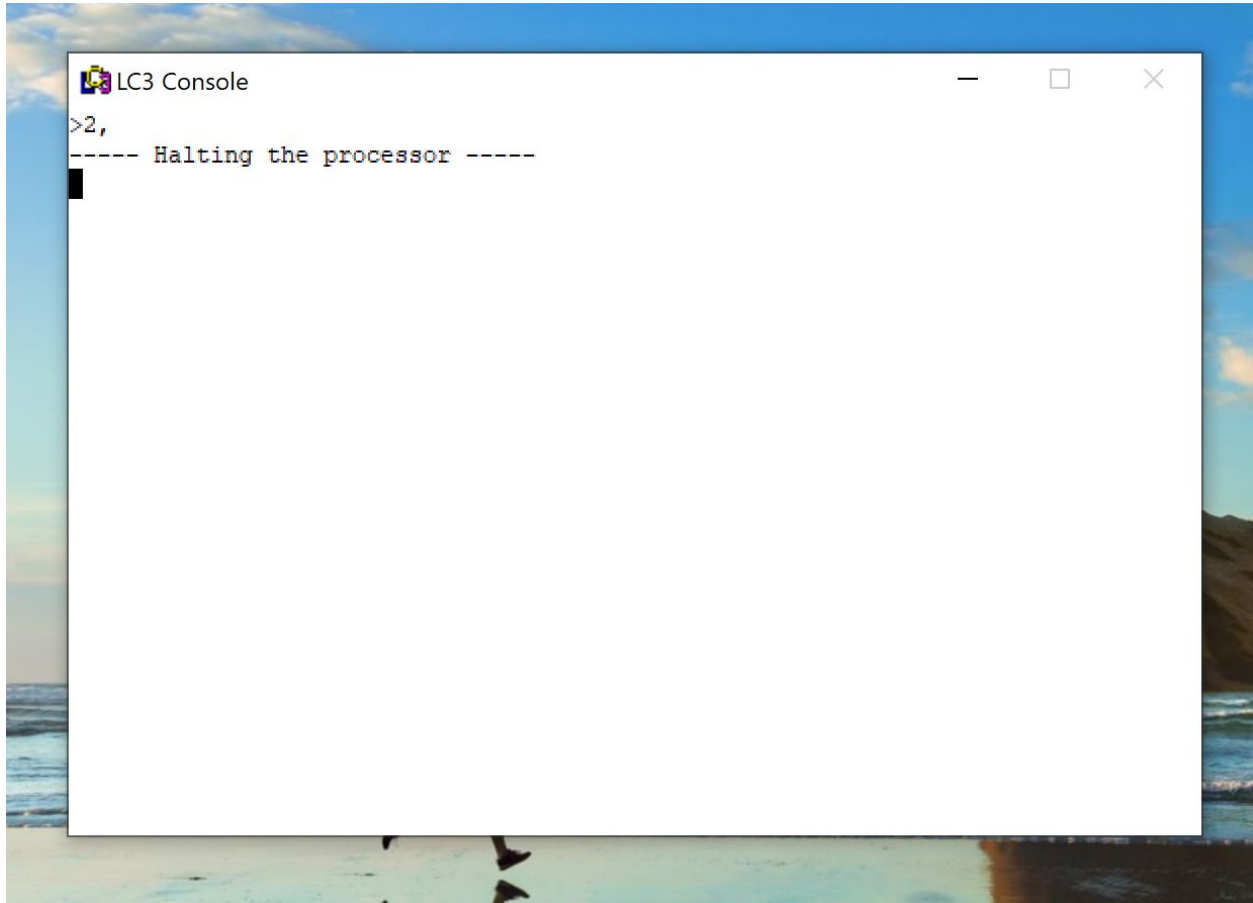
## Screenshot for BEFORE



# Screenshot for AFTER



# Console:



# Questions:

Result for R4: >

Result for R5: 2

Result for R6: ,

Result for R4 in decimal form: 14

Result for R5 in decimal form: 2

Result for R6 in decimal form: -4