Class: CIS11 (22953)
Assignment: Project
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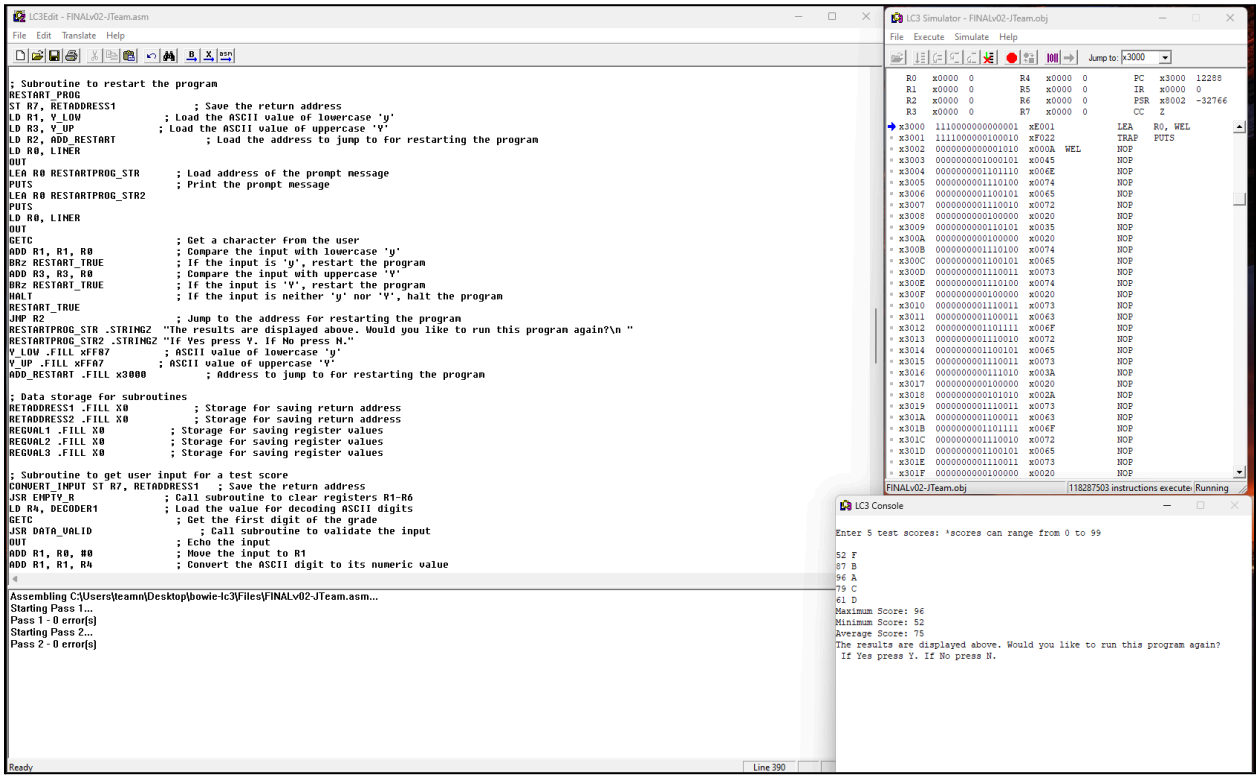
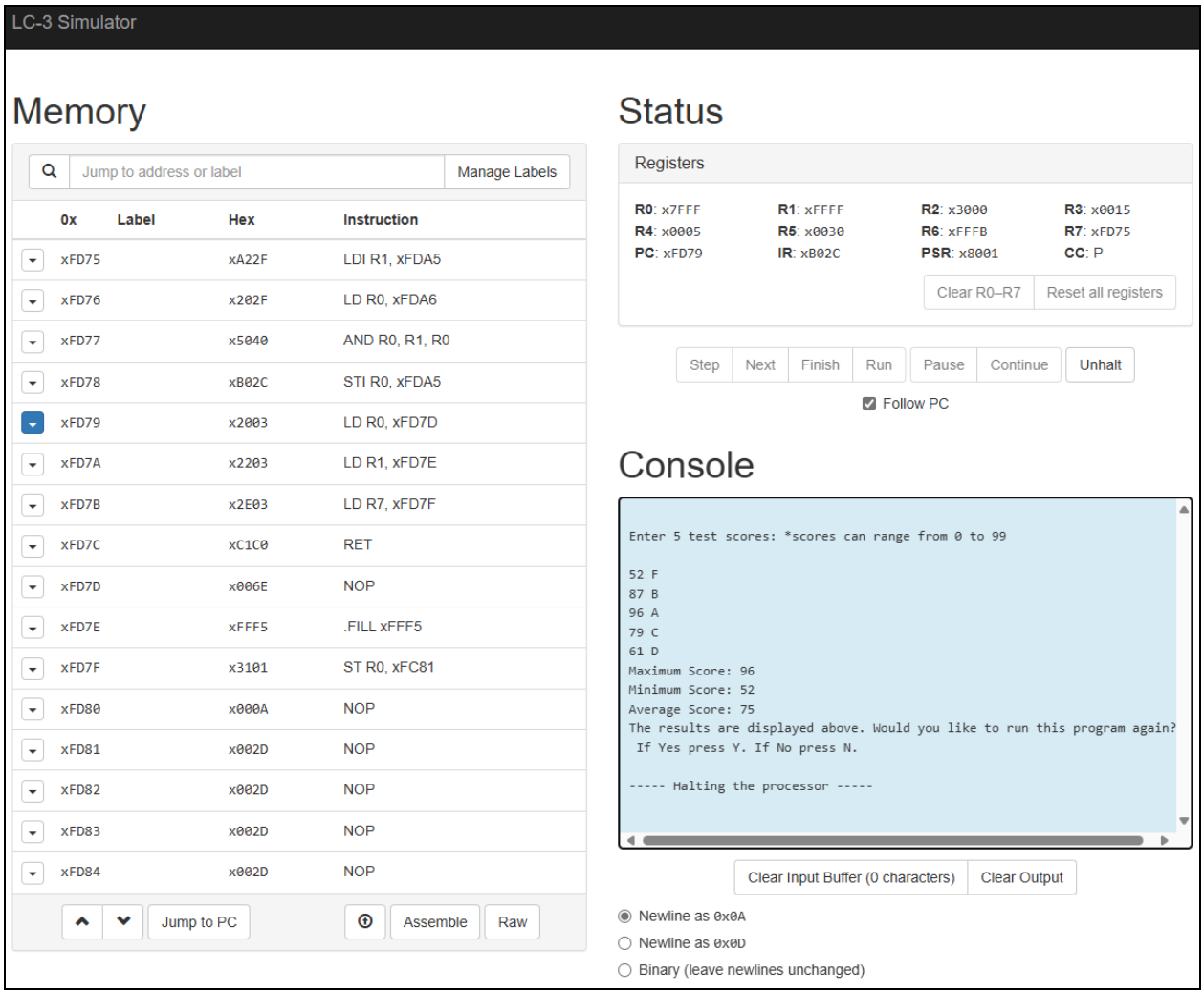
Date: 2024-06-06




LC-3 Simulator
Memory
Jump to address or label
Manage Labels
0x
Label
Hex
Instruction
xFD75 xA22F LDI R1, xFDA5
xFD76 x202F LD R0, xFDA6
xFD77 x5040 AND R0, R1, R0
xFD78 xB02C STI R0, xFDA5
xFD79 x2003 LD R0, xFD7D
xFD7A x2203 LD R1, xFD7E
xFD7B x2E03 LD R7, xFD7F
xFD7C xC1C0 RET
xFD7D x006E NOP
xFD7E xFFF5 .FILL xFFF5
xFD7F x3101 ST R0, xFC81
xFD80 x000A NOP
xFD81 x002D NOP
xFD82 x002D NOP
xFD83 x002D NOP
xFD84 x002D NOP
Jump to PC
Assemble
Raw
Status
Registers
R0: x7FFF
R1: xFFFF
R2: x3000
R3: x0015
R4: x0005
R5: x0030
R6: xFFFB
R7: xFD75
PC: xFD79
IR: xB02C
PSR: x8001
CC: P
Clear R0–R7
Reset all registers
Step
Next
Finish
Run
Pause
Continue
Unhalt
Follow PC
Console
Enter 5 test scores: *scores can range from 0 to 99
52 F
87 B
96 A
79 C
61 D
Maximum Score: 96
Minimum Score: 52
Average Score: 75
The results are displayed above. Would you like to run this program again?
If Yes press Y. If No press N.
----- Halting the processor -----
Clear Input Buffer (0 characters)
Clear Output
Newline as 0x0A
Newline as 0x0D
Binary (leave newlines unchanged)