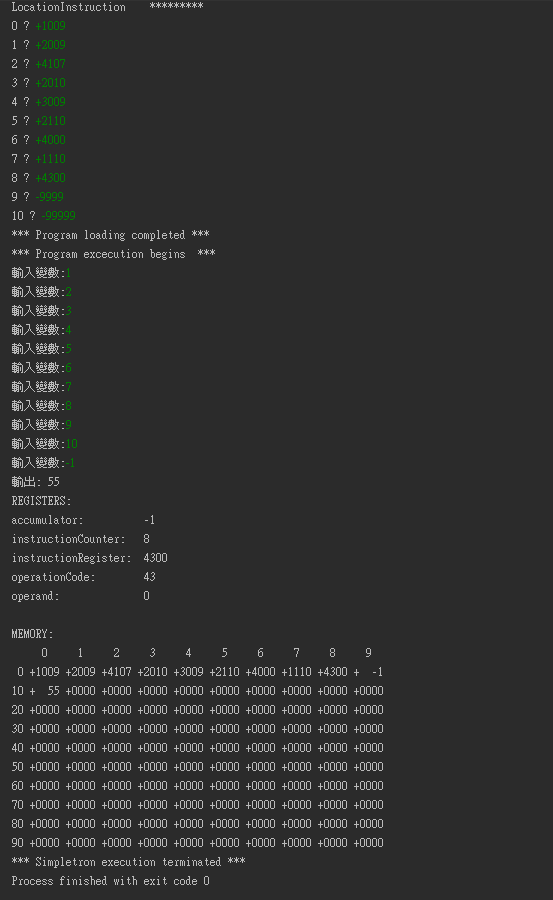
405410016楊淨 資工3B

A:



+1009 read 09

+2009 load 09

+4107 Branchneg 07

+2010 load 10

+3009 add 09

+2110 store to 10

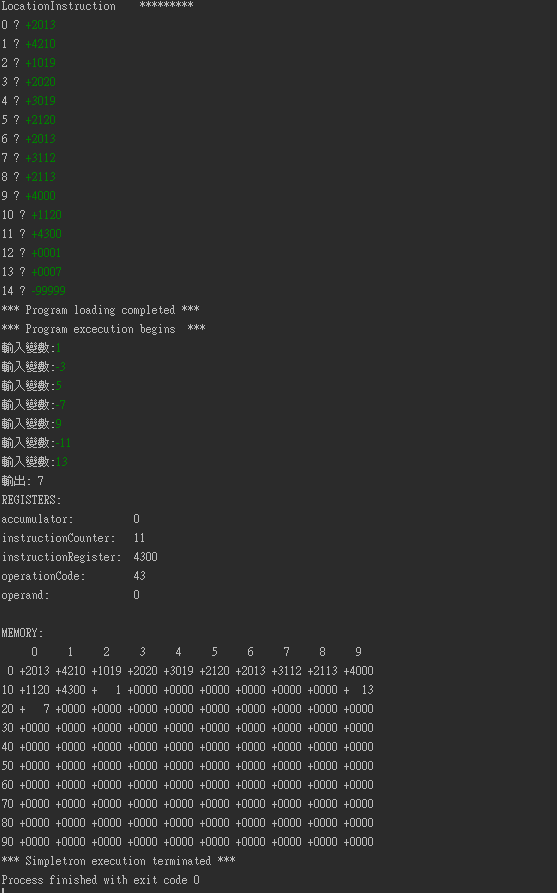
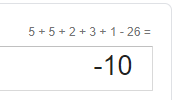
+4000 Branch 00

+1110 write 10

+4300 halt

-99999

B:



+2013 load 13(7 LOOP)

+4210 Branchzero 10

+1019 read 19

+2020 load 20

+3019 add 19

+2120 store 20

+2013 load 21

+3112 sub 12(1)

+2113 store 21

+4000 Branch 00

+1120 write 20

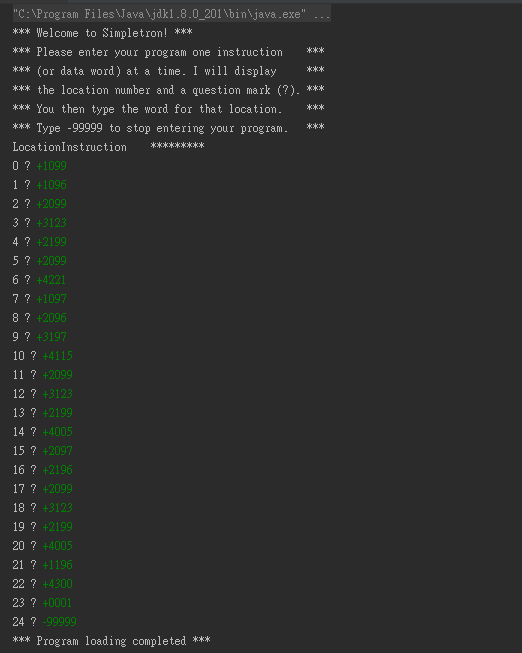
+4300 halt

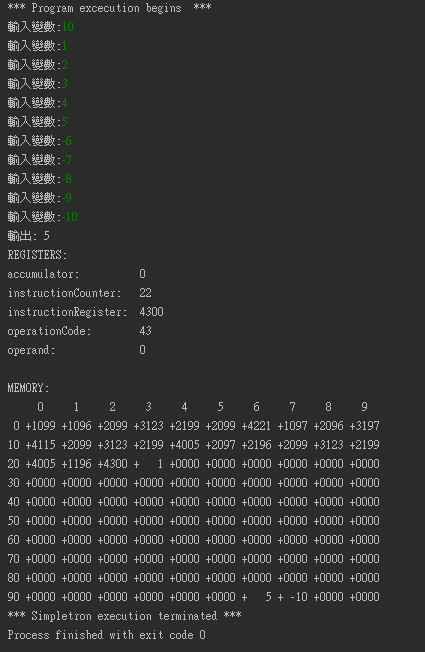
+0001

+0007

-99999

C:





+1099 read 99 存放loop圈數

+1096 read a 存放第一個變數

+2099 load loop

+3123 sub 1

+2199 store 存放loop圈數

+2099 load 99 迴圈開始

+4221 Branchzero 跳至輸出

+1097 read b

+2096 load a

+3197 sub b

+4115 Branch neg compare (a-b)<0

+2099 load loop

+3123 sub 1

+2199 store 存放loop圈數

+4005 Branch 05 重新開始迴圈

+2097 load b

+2196 store to a 更新最大值

+2099 load loop

+3123 sub 1

+2199 store 存放loop圈數

+4005 Branch 05 重新開始迴圈

+1196 write a(輸出最大值)

+4300

+0001

-99999