**Problem 1 revised**

org 100

load value

add total

store total

loop, load value

add incr

store value

add total

store total

output

load value

subt stop

skipcond 800

jump loop

halt

value, dec 0

total, dec 0

incr, dec 1

stop, dec 9

/ Output

/ 1

/ 3

/ 6

/ 10

/ 15

/ 21

/ 28

/ 36

/ 45

/ 55