;Soliman Sean

;Comp Arch 416

;Chapter 5 - problem 26

BR main ;Branch around data

amount: .EQUATE 20000 ;int constant

num: .BLOCK 2 ;Storage for int input

tmp: .BLOCK 2 ;temp storage for calculation

;

main: DECI num,d ;decimal input, to var num

LDWA num,d ;load var num

ADDA amount,i ;add constant (amount)

STWA tmp,d ;store calculation to tmp

STRO msg,d ;string out

DECO tmp,d ;decimal out tmp

STOP

msg: .ASCII "sum = \x00"

.END

