.model small

.data

a dw 3629h

b dw 4738h

.code

start:

mov ax,@data

mov ds, ax

mov ax,a

mov bx,b

add al,bl

daa

mov bl,al

adc ah,bh

mov al,ah

daa

mov bh,al

mov cx, 0404h

l2: rol bx, cl

mov dl, bl

and dl, 0fh

cmp dl,09

jbe l4

add dl,07

l4: add dl,30h

mov ah,02

int 21h

dec ch

jnz l2

mov ah, 4ch

int 21h

end start

