**Code:**   
[org 0x0100]

jmp start

st db 2, 1, 0, 4, 0, 9, 4, 8, 6

sum db 0

res db 0

start:

xor ax, ax

lea si, [st]

mov cx, 9

sum\_digits:

add al, [si]

inc si

loop sum\_digits

mov [sum], al

test al, 1

jz even

mov dx, 0

jmp done

even:

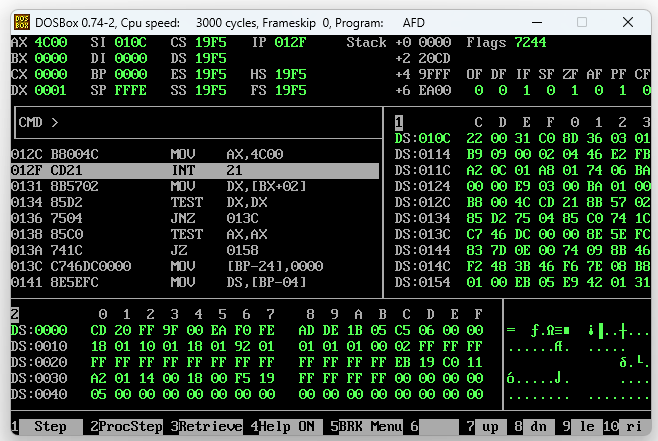
mov dx, 1

done:

mov ax, 4c00h

int 21h

**Output:**

****