;WALP to print numbers from 0 to 9 using loop

section .bss

num resb 1

section .text

global \_start ;must be declared for using gcc

\_start: ;tell linker entry point

mov ecx,10

mov eax,'0'

up: mov[num],eax

; print num

mov eax,4

mov edx,1

push ecx

mov ecx,num

mov edx,1

int 80h

mov eax,[num]

sub eax,'0'

inc eax

add eax,'0'

pop ecx

loop up ;decrements ecx and jumps to up

mov eax,1

int 80h

OUTPUT:

