Signed Number Multiplication(8-bit):

.model small

.data

num1 dw -5555h

num2 dw -1111h

lsb dw 0

msb dw 0

.code

main proc

mov ax,@data

mov ds,ax

mov ax,num1

mov bx,num2

imul bx

mov lsb,ax

mov msb,dx

mov ah,4ch

int 21h

endp

end main