; A macro with two parameters

; Implements the write system call

%macro write\_string 2

mov eax, 4

mov ebx, 1

mov ecx, %1

mov edx, %2

int 80h

%endmacro

section .data

msg1 db 'Hello!', 0xA,0xD

len1 equ $ - msg1

msg2 db 'Welcome to using macros,', 0xA,0xD

len2 equ $- msg2

msg3 db 'We like assembly programming! ', 0xA, 0xD

len3 equ $- msg3

section .text

global \_start ;must be declared for using gcc

\_start: ;tell linker entry point

write\_string msg1, len1

write\_string msg2, len2

write\_string msg3, len3

mov eax,1 ;system call number (sys\_exit)

int 0x80 ;call kernel