```nasm
SECTION .DATA
Msg:    db 'Hello, world!',10  ; 10 = ascii for LF
MsgLen: equ $-Msg

SECTION .TEXT
GLOBAL _start

_start:
        mov eax, 4       ; write(
        mov ebx, 1       ;   STDOUT_FILENO,
        mov ecx, Msg     ;   "Hello, world!\n",
        mov edx, MsgLen  ;   sizeof("Hello, world!\n")
        int 80h          ; );

        mov eax, 1       ; exit(
        mov ebx, 0       ;   EXIT_SUCCESS
        int 80h          ; );
```