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; Exercise 17 - Print Null-terminated String
; Purpose: Write a string from memory to stdout.
; #belleswhoshell.ca
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section .data
msg db "Hello from ASM!", 10
len equ $ - msg
```

```
section .text
global _start
```

```
_start:
    ; write(fd=1, msg, len)
    mov rax, 1          ; syscall: write
    mov rdi, 1          ; fd = stdout
    lea rsi, [rel msg]  ; pointer to msg
    mov rdx, len        ; length
    syscall

    ; exit
    mov eax, 60
    xor edi, edi
    syscall
```