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main.s

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/*
 * Test driver for "length"
 */
.data
    targ: .asciz "Life, the universe and everything. Answer-"
    out: .asciz "Length is - "
    result: .skip 21
    nl: .asciz "\n"
.text
.global main
main:
    //Load and calc string len
    ldr x0, =targ
    bl length
    //Conv to s
    ldr x1, =result
    bl int64asc
    //Print output text
    ldr x0, =out
    bl putstring
    //Print result
    ldr x0, =result
    bl putstring
    //Print newline
    ldr x0, =nl
    bl putstring

    // Setup the parameters to exit the program and then call Linux to do it
    .
    mov x0, #0 // Sets return code to 0
    mov x8, #93 // Service command code 93 terminates
    svc 0 // Call linux to terminate the program

```