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main.s

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/*
 * Test driver for "concat"
 */
.data
    str1: .asciz "Hello,"
    str2: .asciz "world!"
    out: .asciz "Concatenated string - "
    nl: .asciz "\n"

.text
.global main
main:
    //Load str 1
    ldr x0, =str1
    //Load str 2
    ldr x1, =str2
    //Concatenate 2 strings
    bl concat
    //Str adr
    str x0, [sp, #-16]!
    //Print
    bl putstring
    //Load adr
    ldr x0, [sp], #16
    //Free
    bl free
    //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

```