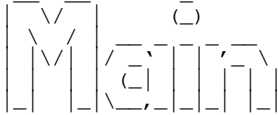


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main.s

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```

.data
app_name: .asciz "Macro"
app_description: .asciz "Macro is a Nano-like app that lets you create, edit, and delete text files."
untitled_string:
    .string "Untitled"
    .align 3
empty_string:
    .string ""
    .text
    .align 2
/*

*/
.global main
.type main, %function
// main function
main:
    .LFB0:
    .cfi_startproc

    stp x29, x30, [sp, -32]!
    .cfi_def_cfa_offset 32
    .cfi_offset 29, -32
    .cfi_offset 30, -24
    mov x29, sp

    // Initialization
    bl initscr
    bl start_color
    mov w2, 4
    mov w1, 7
    mov w0, 1
    bl init_pair
    adrp x0, :got:stdscr
    ldr x0, [x0, #:got_lo12:stdscr]
    ldr x0, [x0]
    mov w1, 1
    bl keypad
    bl cbreak
    bl noecho

main_loop:
    adrp x0, app_description
    add x1, x0, :lo12:app_description
    adrp x0, app_name
    add x0, x0, :lo12:app_name

    bl front_page
    str w0, [sp, 28]

    ldr w0, [sp, 28]
    cmp w0, 3
    beq exit

    ldr w0, [sp, 28]
    cmp w0, 3

```

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main.s

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```

    bgt main_loop

    ldr w0, [sp, 28]
    cmp w0, 1
    beq create_new_file

    ldr w0, [sp, 28]
    cmp w0, 2
    beq open_existing_file

main_loop_continue:
    b main_loop

// Create new file
create_new_file:
    adrp x0, untitled_string
    add x0, x0, :lo12:untitled_string
    bl text_editor
    b main_loop_continue

// Open existing file
open_existing_file:
    adrp x0, empty_string
    add x0, x0, :lo12:empty_string
    bl text_editor
    b main_loop_continue

// Exit application
exit:
    bl endwin
    mov w0, 0

main_cleanup:
    ldp x29, x30, [sp], 32
    .cfi_restore 30
    .cfi_restore 29
    .cfi_def_cfa_offset 0
    ret
    .cfi_endproc

main_end:
    .size main, .-main
    .section .rodata
    .align 3

```