

```

; ===== BEGINNING OF PROCEDURE =====

; Variables:
;   saved_fp: 0
;   var_1: int8_t, -1
;   var_10: int64_t, -16
;   var_18: int64_t, -24
;   var_20: int64_t, -32
;   var_28: int64_t, -40
;   var_30: int64_t, -48
;   var_38: int64_t, -56

_can_exec:
sub     sp, sp, #0x50 ; CODE XREF=_sprr_test+240
stp     x29, x30, [sp, #0x40]
add     x29, sp, #0x40
stur     x0, [x29, var_10]
adrp     x0, #0x100003000 ; 0x100003ddf@PAGE, argument "format" for method imp__stubs__printf
add     x0, x0, #0xddf ; 0x100003ddf@PAGEOFF, "Jumped to can_exec... Step 7...\n"
bl      imp__stubs__printf ; printf
bl      imp__stubs__clock ; clock
stur     x0, [x29, var_18]
adrp     x0, #0x100003000 ; 0x100003e00@PAGE, argument "format" for method imp__stubs__printf
add     x0, x0, #0xe00 ; 0x100003e00@PAGEOFF, "Hitting can_exec at uint64_t (*fun_ptr)(uint64_t) = ptr\n"
bl      imp__stubs__printf ; printf
ldur     x8, [x29, var_10]
str      x8, [sp, #0x40 + var_20]
adrp     x8, #0x100003000 ; 0x100003e39@PAGE
add     x8, x8, #0xe39 ; 0x100003e39@PAGEOFF, "Hitting uint64_t res = fun_ptr(0)\n"
mov      x0, x8
bl      imp__stubs__printf ; printf
ldr      x8, [sp, #0x40 + var_20]
movz     x9, #0x0
mov      x0, x9
blr      x8
str      x0, [sp, #0x40 + var_28]
adrp     x0, #0x100003000 ; 0x100003e5c@PAGE, argument "format" for method imp__stubs__printf
add     x0, x0, #0xe5c ; 0x100003e5c@PAGEOFF, "Executed uint64_t res = fun_ptr(0)\n"
bl      imp__stubs__printf ; printf
bl      imp__stubs__clock ; clock
str      x0, [sp, #0x40 + var_30]
ldr      x8, [sp, #0x40 + var_30]
ldur     x9, [x29, var_18]
subs     x8, x8, x9
ucvtf    d0, x8
adrp     x8, #0x100003000
ldr      d1, [x8, #0x4c0] ; double_value_1000
fmul     d0, d0, d1
adrp     x8, #0x100003000
ldr      d1, [x8, #0x4b8] ; double_value_1E06
fdiv     d0, d0, d1
str      d0, [sp, #0x40 + var_38]
adrp     x0, #0x100003000 ; 0x100003e80@PAGE, argument "format" for method imp__stubs__printf
add     x0, x0, #0xe80 ; 0x100003e80@PAGEOFF, "Hitting 0xdeadbeef in can_exec\n"
bl      imp__stubs__printf ; printf
ldr      d0, [sp, #0x40 + var_38]
adrp     x8, #0x100003000 ; 0x100003ea0@PAGE
add     x8, x8, #0xea0 ; 0x100003ea0@PAGEOFF, "Finished... Time elapsed in can_exec in ms: %f\n\n"
mov      x0, x8
mov      x8, sp ; argument "format" for method imp__stubs__printf
str      d0, [x8]
bl      imp__stubs__printf ; printf
ldr      x8, [sp, #0x40 + var_28]
movz     x9, #0xbeef
movk     x9, #0xdead, lsl #16
subs     x8, x8, x9
b.ne     loc_1000033d8

```

```

movz     w8, #0x0
and      w8, w8, #0x1
sturb    w8, [x29, var_1]
b        loc_1000033e4

```

```

loc_1000033d8:
movz     w8, #0x1 ; CODE XREF=_can_exec+212
and      w8, w8, #0x1
sturb    w8, [x29, var_1]

```

```

loc_1000033e4:
ldurb     w8, [x29, var_1] ; CODE XREF=_can_exec+228
and      w0, w8, #0x1
ldp      x29, x30, [sp, #0x40]
add      sp, sp, #0x50
ret

```