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Hints ?

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Simple compare

## Description

What integer does this program print?

Flag format: picoCTF{XXXXXXXX} -> (hex, lowercase, no 0x, and 32

bits. ex. 5614267 would be picoCTF{0055aabb})

Use arguments a and b: 2593949075 and 2233560849

File: [chall.S](#)

Dokumentasi sumber :

```
.arch armv8-a
.file  "chall.c"
.text
.align 2
.global func1
.type   func1, %function
func1:
    sub sp, sp, #16
    str w0, [sp, 12]           ; simpan argumen a
    str w1, [sp, 8]            ; simpan argumen b
    ldr w1, [sp, 12]           ; ambil a
    ldr w0, [sp, 8]            ; ambil b
    cmp w1, w0                ; bandingkan antara a dan b
    bls .L2                   ; jika a <= b, jump ke L2
    ldr w0, [sp, 12]           ; jika a > b, kembalikan (return) nilai a
    b .L3
.L2:
    ldr w0, [sp, 8]            ; return b
.L3:
    add sp, sp, 16             ; kembalikan nilai stack pointer (sp)
    ret                      ; return
.size   func1, .-func1
.section .rodata
.align 3
.LC0:
```

```
ARMssembly0 % cat chall.S
.arch armv8-a
.file "chall.c"
.text
.align 2
.global func1
.type func1, %function
func1:
    sub    sp, sp, #16
    str    w0, [sp, 12]
    str    w1, [sp, 8]
    ldr    w1, [sp, 12]
    ldr    w0, [sp, 8]
    cmp    w1, w0
    bls   .L2
    ldr    w0, [sp, 12]
    b     .L3
.L2:
    ldr    w0, [sp, 8]
.L3:
    add    sp, sp, 16
    ret
.size  func1, .-func1
```

```
>>> clear
>>> str_angka1 = "2593949075"
>>> str_angka2 = "2233560849"
>>> print(len(str_angka1))
10
>>> print(len(str_angka2))
Traceback (most recent call last):
  File "<python-input-4>", line 1, in <
module>
    print(len(str_angka2))
                                         ^
NameError: name 'str_angka2' is not defined. Did you mean: 'str_angka1'?
>>> clear
>>> str_angka1 = "2593949075"
>>> str_angka2 = "2233560849"
>>> print(len(str_angka1))
10
>>> print(len(str_angka2))
10
>>> hex(2593949075)
'0x9a9c8593'
>>> █
```

Flag : picoCTF{9a9c8593}