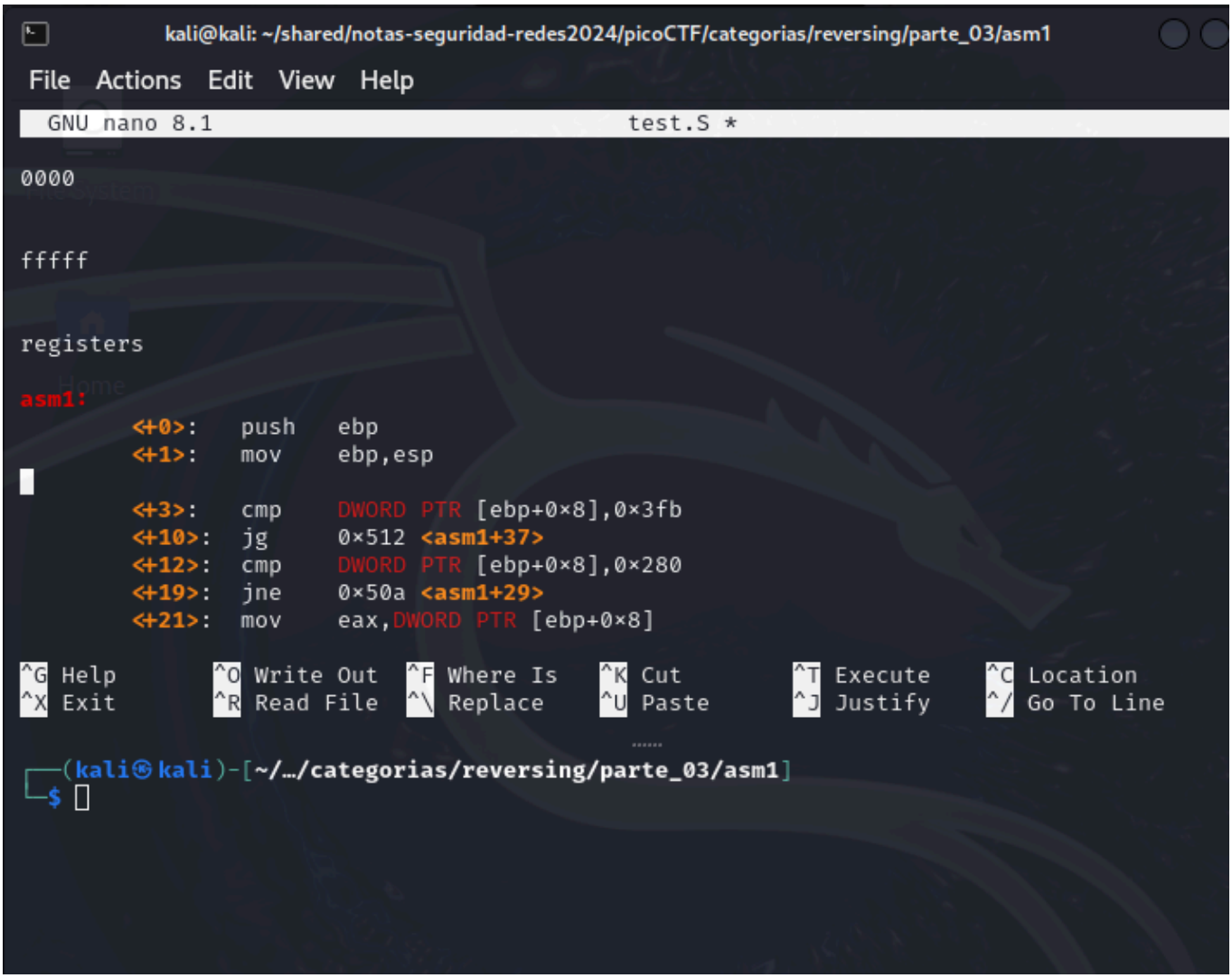
Description

What does asm1(0x2e0) return? Submit the flag as a hexadecimal value (starting with '0x'). NOTE: Your submission for this question will NOT be in the normal flag format. Source

Hints

- assembly conditions

Solución




```
┌──(kali㉿kali)-[~/…/categorias/reversing/parte_03/asm1]
└─$ cat test.S
STACK
```

```
0000

[
[ebp] <- esp <- ebp
[ret] <- ebp + 0x4
[0x2e0] <- ebp + 0x8
fffff


registers
[0x2d6] eax
asm1:
        <+0>:   push   ebp
        <+1>:   mov    ebp,esp

        <+3>:   cmp    DWORD PTR [ebp+0x8],0x3fb
..      <+10>:  jg     0x512 <asm1+37>
        <+12>:  cmp    DWORD PTR [ebp+0x8],0x280
        <+19>:  jne    0x50a <asm1+29>
        <+21>:  mov    eax,DWORD PTR [ebp+0x8]
        <+24>:  add    eax,0xa
        <+27>:  jmp    0x529 <asm1+60>
        <+29>:  mov    eax,DWORD PTR [ebp+0x8]
..      <+32>:  sub    eax,0xa
        <+35>:  jmp    0x529 <asm1+60>
        <+37>:  cmp    DWORD PTR [ebp+0x8],0x559
        <+44>:  jne    0x523 <asm1+54>
        <+46>:  mov    eax,DWORD PTR [ebp+0x8]
        <+49>:  sub    eax,0xa
        <+52>:  jmp    0x529 <asm1+60>
        <+54>:  mov    eax,DWORD PTR [ebp+0x8]
        <+57>:  add    eax,0xa

..      <+60>:  pop    ebp
        <+61>:  ret
```

```
┌──(kali㉿kali)-[~/…/categorias/reversing/parte_03/asm1]
└─$ python3
Python 3.12.6 (main, Sep  7 2024, 14:20:15) [GCC 14.2.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> 0x2e0 > 0x3fb
False
>>> 0x2e0 > 0x280
True
```

```
>>> hex(0x2e0 - 0xa)
'0x2d6'
>>>
```

Bandera

```
flag: 0x2d6
```

Notas Adicionales

Referencias

- guide-to-asembly