Bit-O-Asm-1 🔖

Medium Reverse Engineering picoGym Exclusive x86_64

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Description

Can you figure out what is in the eax register? Put your answer in the picoCTF flag format: picoCTF{n} where n is the contents of the eax register in the decimal number base. If the answer was 0x11 your flag would be picoCTF{17}.

Download the assembly dump here.

Hints ❓

1

As with most assembly, there is a lot of noise in the instruction dump. Find the one line that pertains to this question and don't second guess yourself!

Solusi :

cat filenya.

```
Bit-O-Asm1 % ls
disassembler-dump0_a.txt
Bit-O-Asm1 % file disassembler-dump0_a.txt
disassembler-dump0_a.txt: ASCII text
Bit-O-Asm1 % cat disassembler-dump0_a.txt
<+0>:     endbr64
<+4>:     push   rbp
<+5>:     mov    rbp,rsp
<+8>:     mov    DWORD PTR [rbp-0x4],edi
<+11>:    mov    QWORD PTR [rbp-0x10],rsi
<+15>:    mov    eax,0x30
<+20>:    pop    rbp
<+21>:    ret
Bit-O-Asm1 % python3
Python 3.13.0 (v3.13.0:60403a5409f, Oct  7 2024, 00:37:40) [Clang 15.0.0 (clang-1500.3.9.4)] on darw
in
Type "help", "copyright", "credits" or "license" for more information.
c>>> 0x30
48
```

Flag :
picoCTF{48}