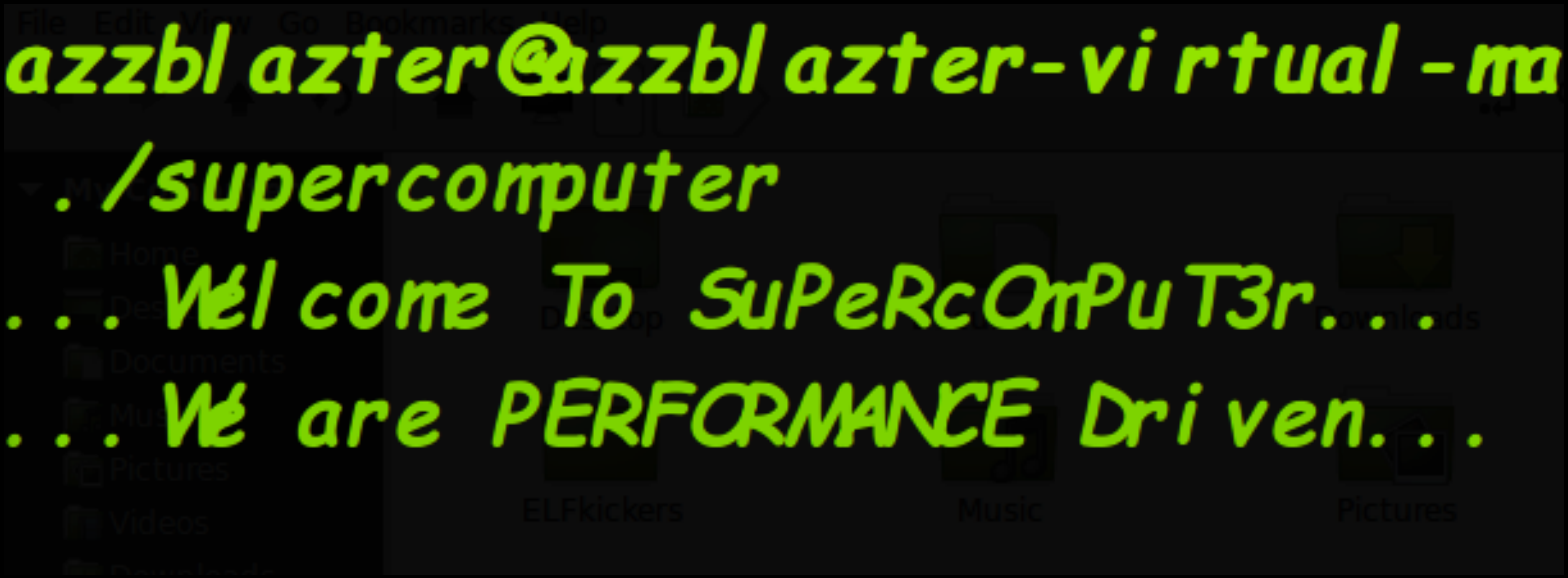
SUPERCOMPUTER

SECTALKS CTF[0x01] SOLUTION

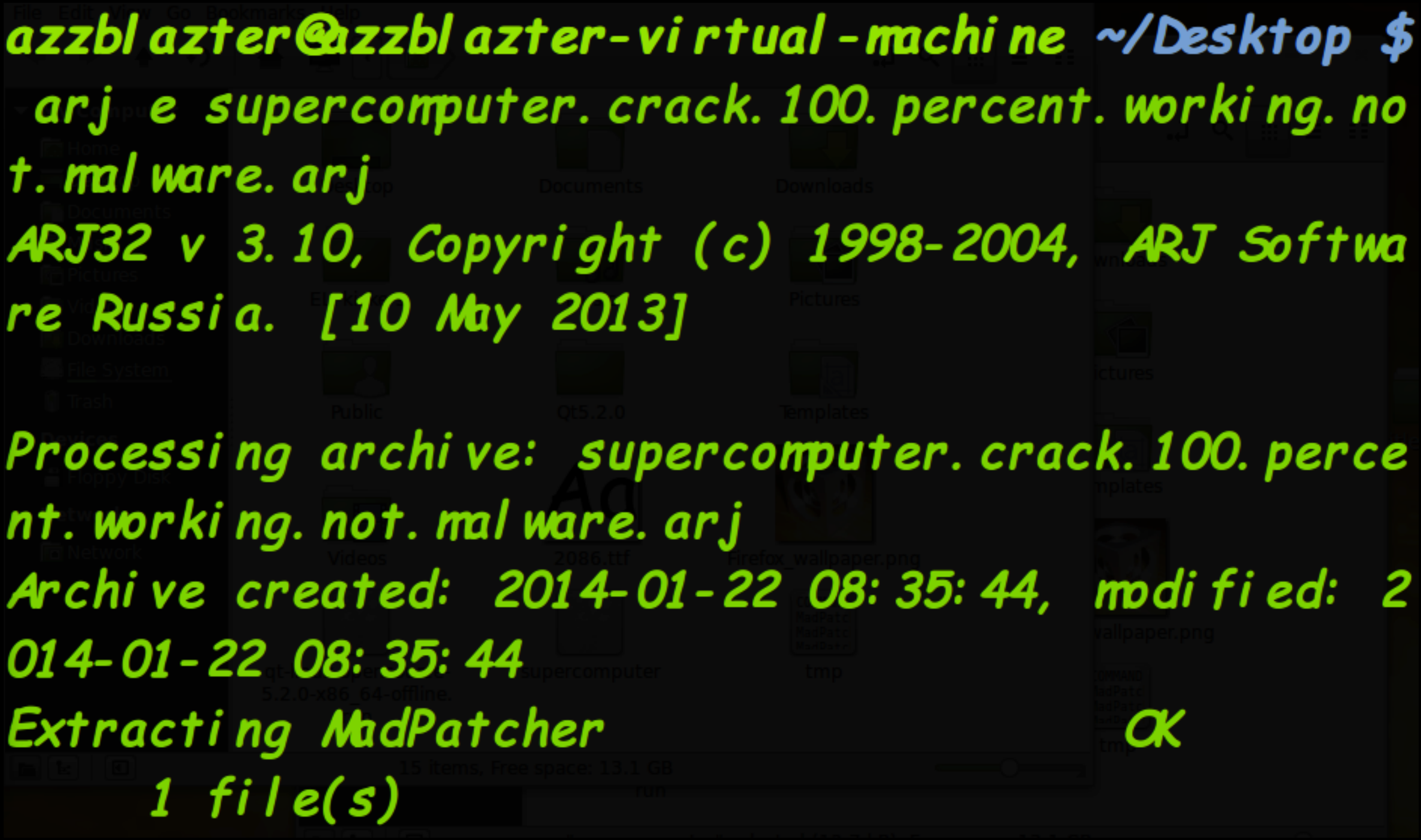
Lets fire this dude up



```
azzblazter@azzblazter-virtual-ma
./supercomputer
...Welcome To SuPeRcOmPuT3r...
...We are PERFORMANCE Driven...
```

Alght sweet

- So as always, I’ll fire up kaaza pro
- Search for supercomputer
- supercomputer.crack.100.percent.working.not.malware.arj

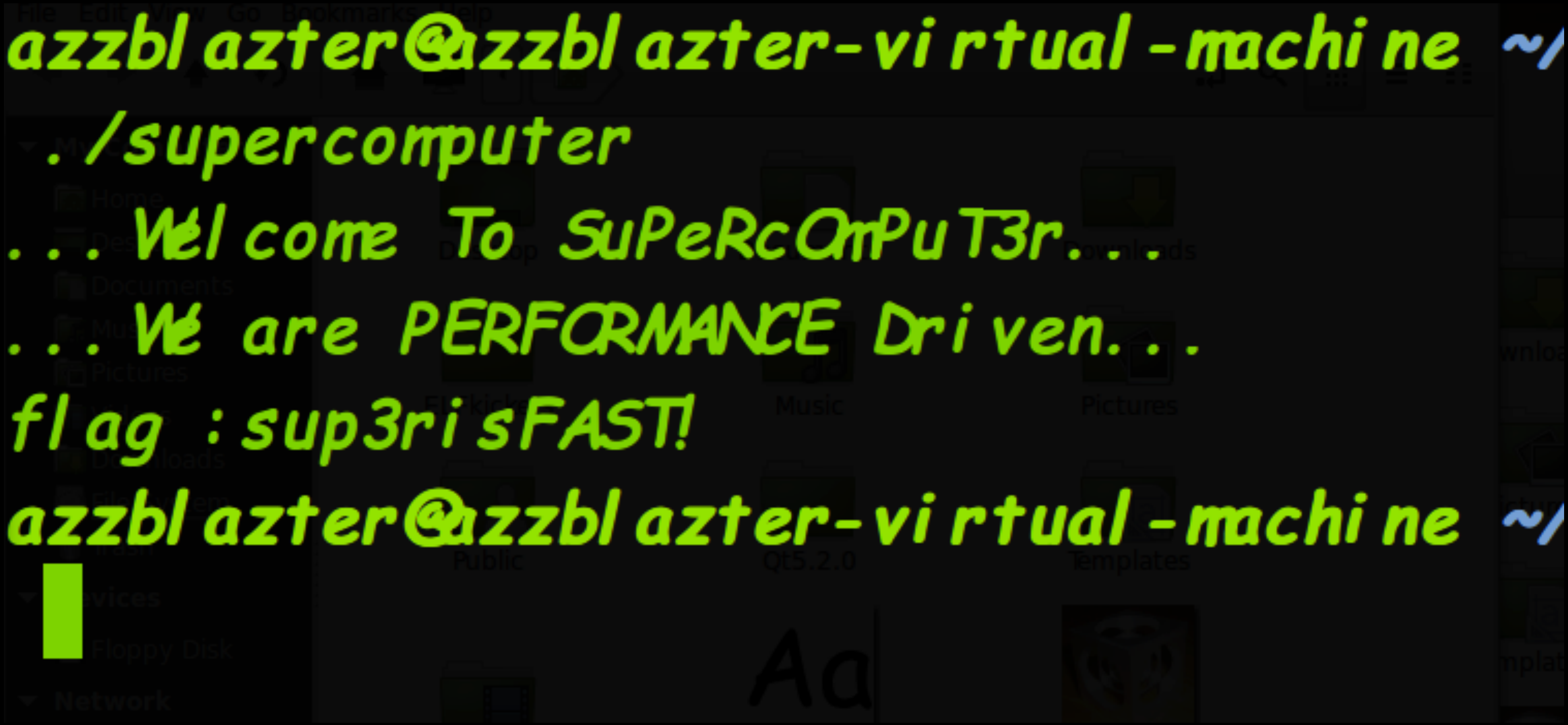


```
azzblazter@azzblazter-virtual-machine ~/Desktop $
 arj e supercomputer.crack.100.percent.working.no
t.malware.arj
ARJ32 v 3.10, Copyright (c) 1998-2004, ARJ Softwa
re Russia. [10 May 2013]

Processing archive: supercomputer.crack.100.perce
nt.working.not.malware.arj
Archive created: 2014-01-22 08:35:44, modified: 2
014-01-22 08:35:44
Extracting MadPatcher                           OK
     1 file(s)
```

DEMO HERE

Will it work?!



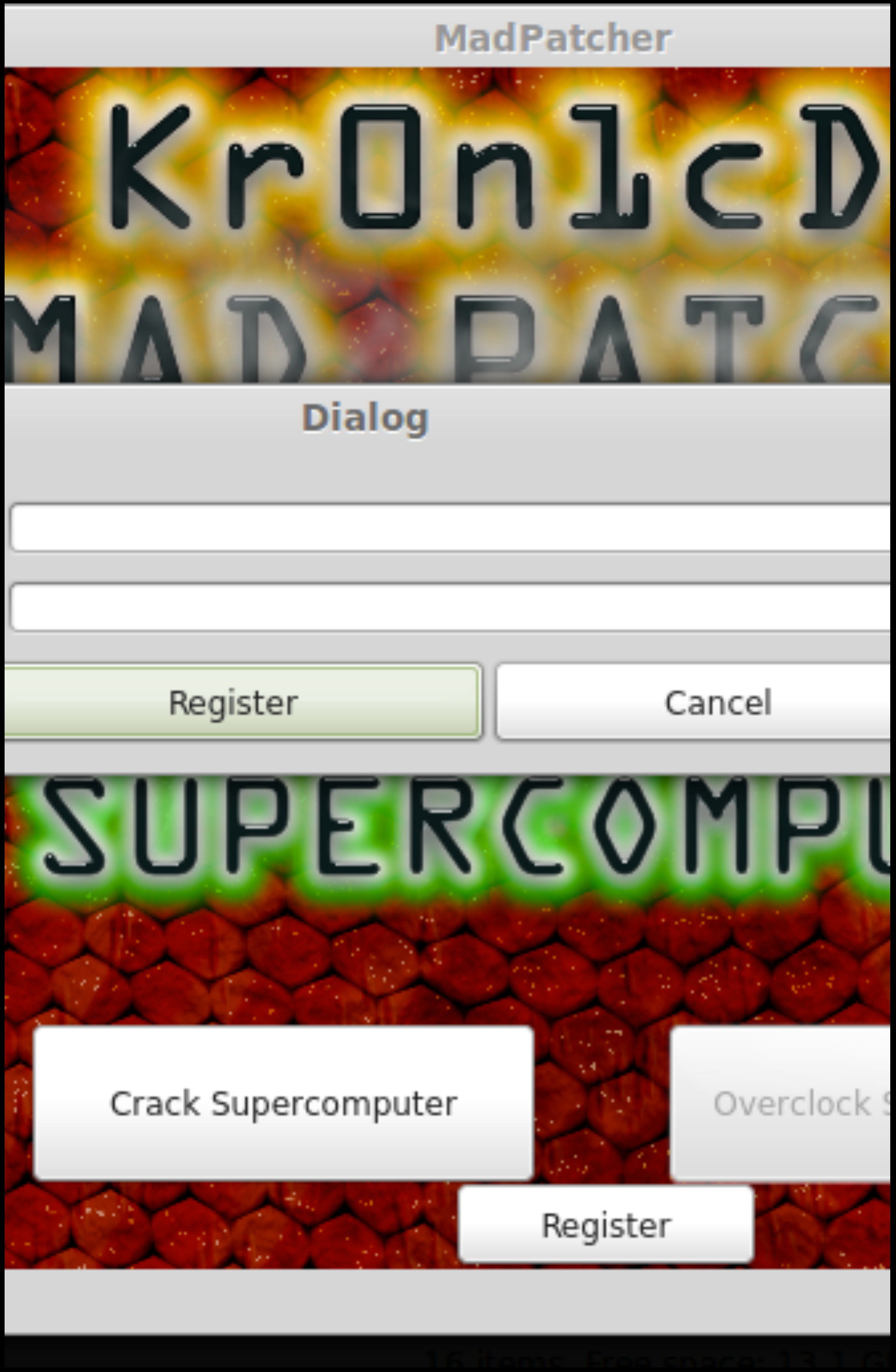
```
azzblazter@azzblazter-virtual-machine ~/
 ./supercomputer
...Welcome To SuPeRcOmPuT3r...
...We are PERFORMANCE Driven...
flag :sup3risFAST!
azzblazter@azzblazter-virtual-machine ~/
```

Hell yeah

Haxed

But… Its slow :(I wanna OC this thing..

It wants a serial, what?

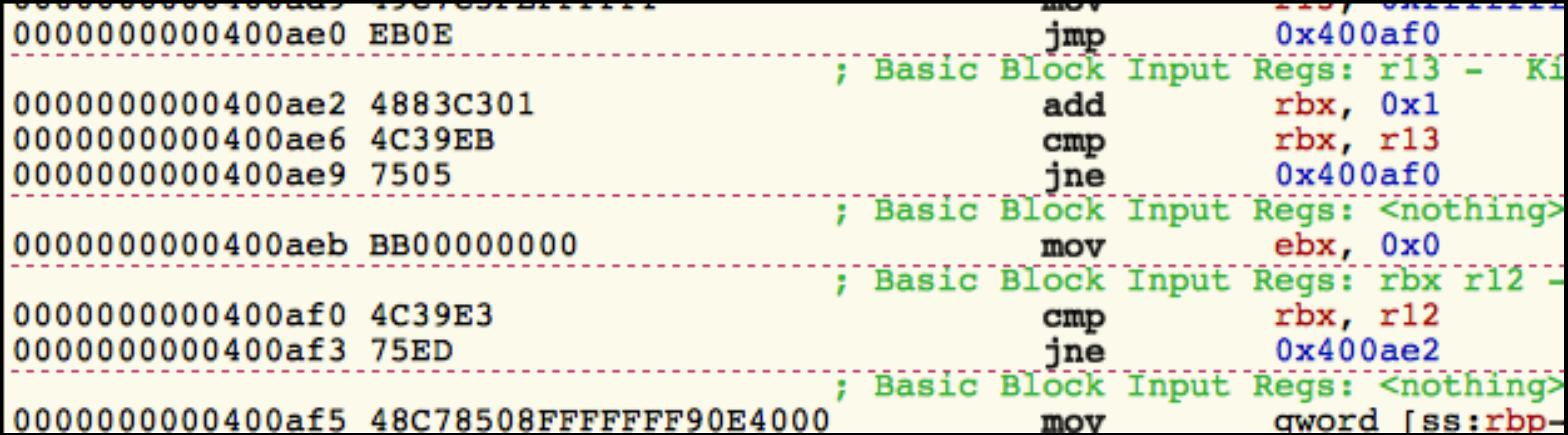


SECTALKS CTF 0x02

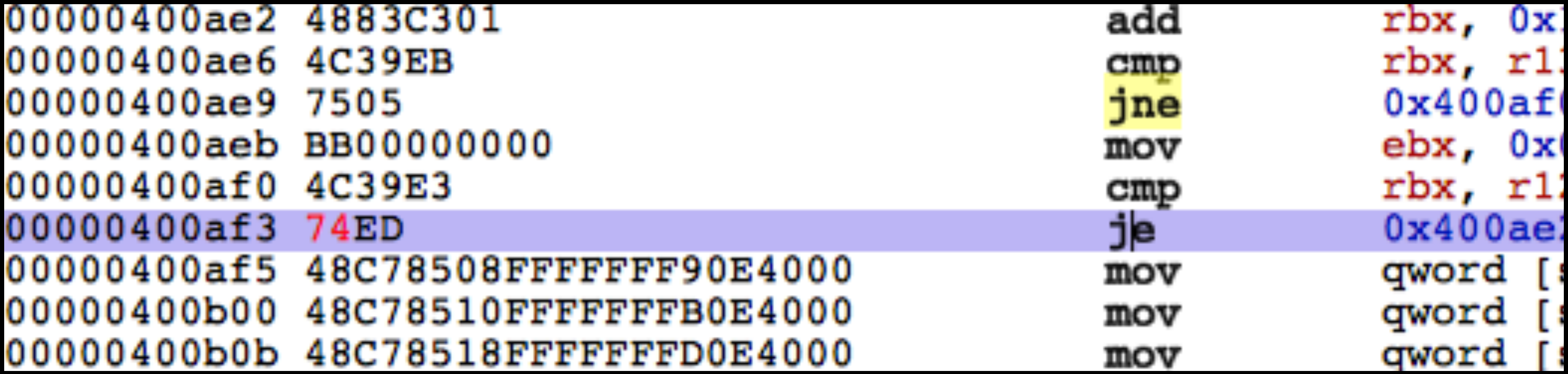
Generate a serial for your name

If you build a keygen with rad music I will buy you a beer.

CTF Walkthrough



```
0000000000400ae0 EB0E                           jmp        0x400af0
---------------------------------------------------------------------------
                                   ; Basic Block Input Regs: r13 -   Ki
0000000000400ae2 4883C301                       add        rbx, 0x1
0000000000400ae6 4C39EB                         cmp        rbx, r13
0000000000400ae9 7505                           jne        0x400af0
---------------------------------------------------------------------------
                                   ; Basic Block Input Regs: <nothing>
0000000000400aeb BB00000000                     mov        ebx, 0x0
---------------------------------------------------------------------------
                                   ; Basic Block Input Regs: rbx r12 -
0000000000400af0 4C39E3                         cmp        rbx, r12
0000000000400af3 75ED                           jne        0x400ae2
---------------------------------------------------------------------------
                                   ; Basic Block Input Regs: <nothing>
0000000000400af5 48C78508FFFFFF90E4000          mov        qword [ss:rbp-
```

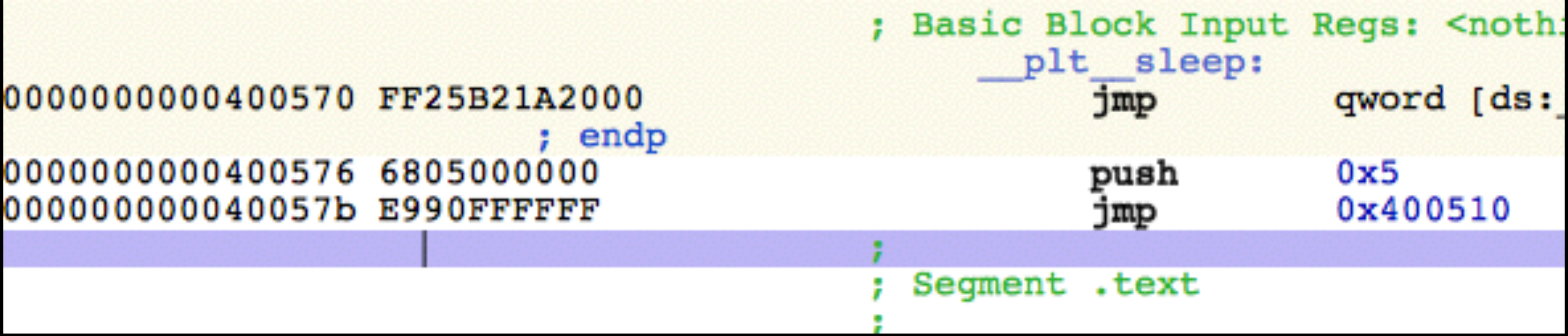


```
00000400ae2 4883C301                              add       rbx, 0x
00000400ae6 4C39EB                                cmp       rbx, r1
00000400ae9 7505                                  jne       0x400af
00000400aeb BB00000000                            mov       ebx, 0x
00000400af0 4C39E3                                cmp       rbx, r1
00000400af3 74ED                                  je        0x400ae
00000400af5 48C78508FFFFFF90E4000                 mov       qword [
00000400b00 48C78510FFFFFFB0E4000                 mov       qword [
00000400b0b 48C78518FFFFFFD0E4000                 mov       qword [
```

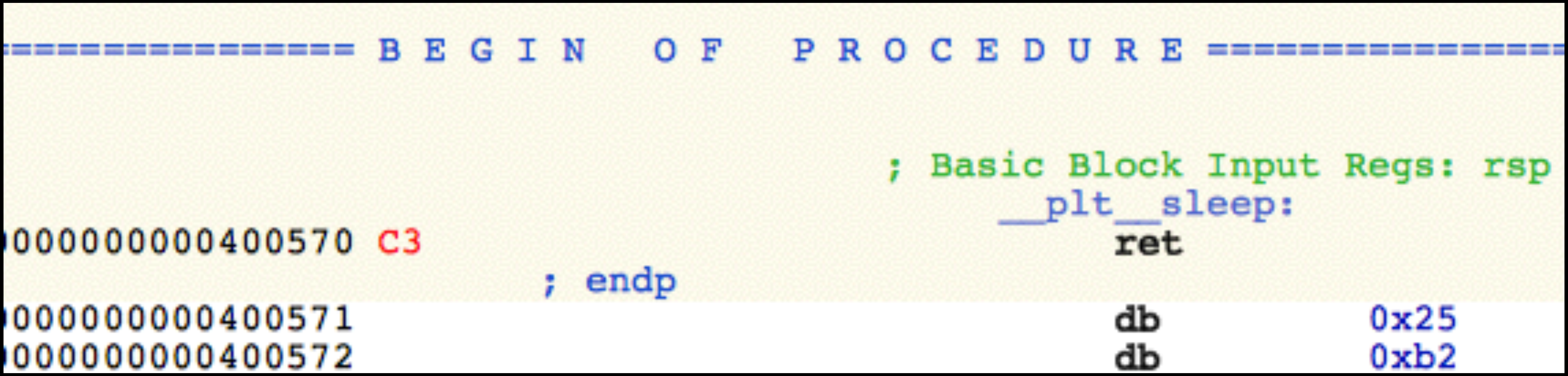
ONE BYTE

LEET

TOO SLOW



```
                                         ; Basic Block Input Regs: <noth
                                             __plt__sleep:
0000000000400570 FF25B21A2000                     jmp      qword [ds:
                        ; endp
0000000000400576 6805000000                       push     0x5
000000000040057b E990FFFFFF                       jmp      0x400510
                                         ;
                                         ; Segment .text
                                         ;
```



```
================ B E G I N   O F   P R O C E D U R E ================
                                        ; Basic Block Input Regs: rsp
                                             __plt__sleep:
000000000400570 C3                                ret
                       ; endp
000000000400571                                   db          0x25
000000000400572                                   db          0xb2
```

ONE BYTE

FAST NOW

“Type a quote here.”

– Peter Hannay