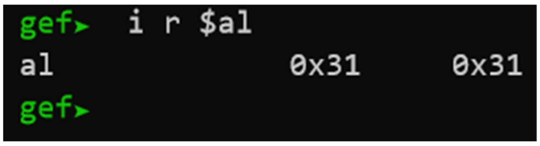
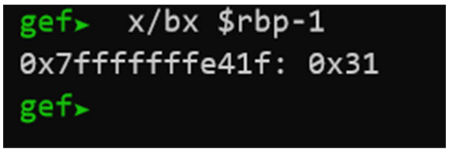
Getting input

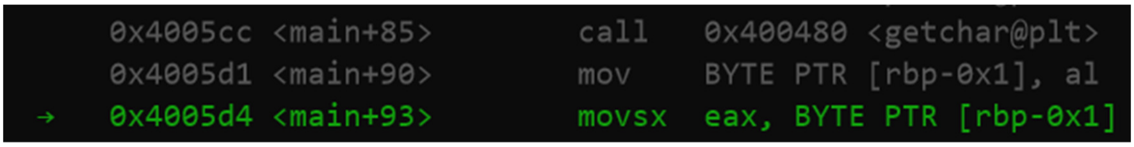
“1” is 0x31



```
gef➤  i r $al
al             0x31      0x31
gef➤
```

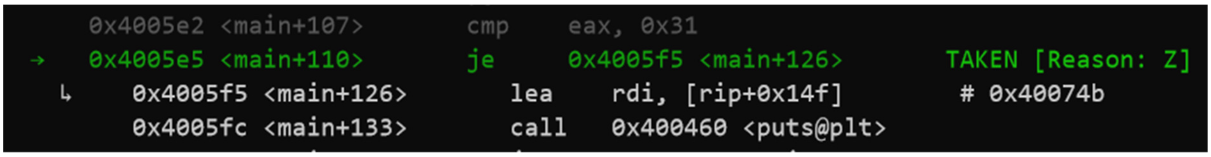


```
gef➤  x/bx $rbp-1
0x7fffffffe41f: 0x31
gef➤
```



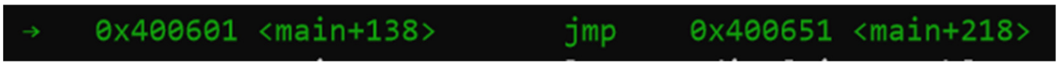
```
     0x4005cc <main+85>         call   0x400480 <getchar@plt>
     0x4005d1 <main+90>         mov    BYTE PTR [rbp-0x1], al
 →   0x4005d4 <main+93>         movsx  eax, BYTE PTR [rbp-0x1]
```

If input is equals to 1



```
     0x4005e2 <main+107>        cmp    eax, 0x31
 →   0x4005e5 <main+110>        je     0x4005f5 <main+126>        TAKEN [Reason: Z]
   ↳    0x4005f5 <main+126>        lea    rdi, [rip+0x14f]        # 0x40074b
        0x4005fc <main+133>        call   0x400460 <puts@plt>
```

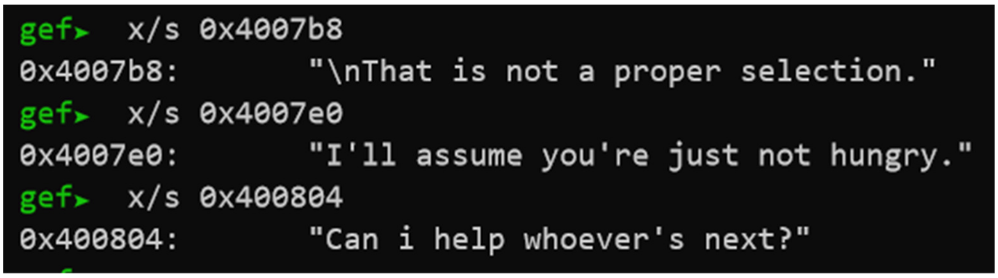
Breaking of switch case



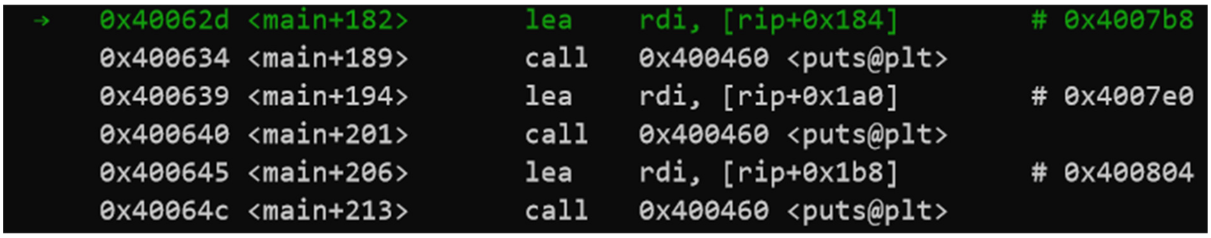
```
 →   0x400601 <main+138>        jmp    0x400651 <main+218>
```

If selection doesn’t match any

C equivalent code



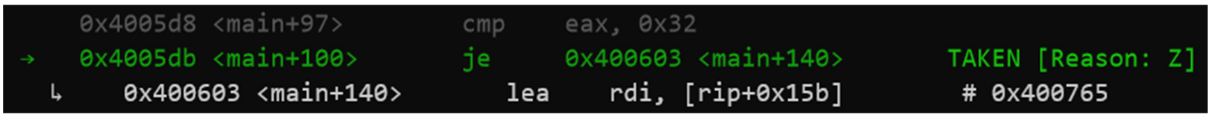
```
gef➤  x/s 0x4007b8
0x4007b8:       "\nThat is not a proper selection."
gef➤  x/s 0x4007e0
0x4007e0:       "I'll assume you're just not hungry."
gef➤  x/s 0x400804
0x400804:       "Can i help whoever's next?"
```



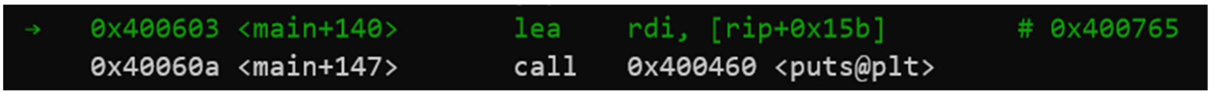
```
 →   0x40062d <main+182>        lea    rdi, [rip+0x184]        # 0x4007b8
     0x400634 <main+189>        call   0x400460 <puts@plt>
     0x400639 <main+194>        lea    rdi, [rip+0x1a0]        # 0x4007e0
     0x400640 <main+201>        call   0x400460 <puts@plt>
     0x400645 <main+206>        lea    rdi, [rip+0x1b8]        # 0x400804
     0x40064c <main+213>        call   0x400460 <puts@plt>
```

If selection is ‘2’

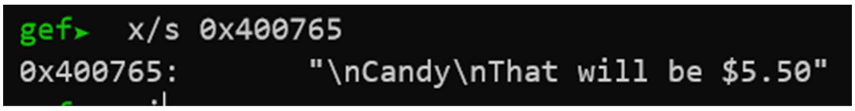
“2” is 0x32



```
     0x4005d8 <main+97>         cmp    eax, 0x32
 →   0x4005db <main+100>        je     0x400603 <main+140>       TAKEN [Reason: Z]
   ↳    0x400603 <main+140>        lea    rdi, [rip+0x15b]        # 0x400765
```



```
 →   0x400603 <main+140>        lea    rdi, [rip+0x15b]        # 0x400765
     0x40060a <main+147>        call   0x400460 <puts@plt>
```



```
gef➤  x/s 0x400765
0x400765:       "\nCandy\nThat will be $5.50"
```