

secret-phase  $\%eax \neq (\%rax - 1) = *(\%rbx - 1)$   
~~31415926~~  $\%esi = \%ebx = 789$   
~~789~~  $\%edi = \$0x6030f0$  (36)

$$\%eax = 1 + \%rax + \%rax = 2$$

2 1  
1 0

1)  $\%edi = \$0x6030f0$   
 $\rightarrow \%edx \leftarrow *(\%rdi) = 36$   
 check:  $\%edx > \%esi$  (fail)  
 $\%rdi \leftarrow *(\%rdi + 8) = 0x603110$   
 $0x603120 \rightarrow 0x603150$  (22)

2)  $\%edx = 8$   
 $\%rdi \leftarrow *(\%rdi + 8) = (0x603118) = 0x603190$   
 $0x6031a0 \rightarrow 0x603250$  (7)

3)  $\%edx = 22$   
 $\%rdi \leftarrow *(\%rdi + 8) = *(0x603120) = 0x603150$   
 $0x603160 \rightarrow 0x603230$  (23)

4)  $\%edx = 22$   
 $\%rdi \leftarrow *(\%rdi + 8) = *(0x603128) = 0$   
 ~~$0x603138 \rightarrow$~~