```
.L2:  cmpl  $0, -4(%ebp)          1
      jg    .L3


.L3:  movl  ring, %eax           2


      addl  $1, %eax             3


      movl  %eax, ring           4


      subl  $1, -4(%ebp)
.L2:  cmpl  $0, -4(%ebp)          5
      jg    .L3


.L3:  movl  ring, %eax           6


      addl  $1, %eax             7


      movl  %eax, ring           8


      subl  $1, -4(%ebp)
.L2:  cmpl  $0, -4(%ebp)          9
      jg    .L3
      leave
      return
```