

```
1  .text
2  .globl _tas
3  _tas:
4      pushq %rbp
5      movq %rsp, %rbp
6      movq $1, %rax
7  #APP
8      lock;xchgb %al, (%rdi)
9  #NO_APP
10     movsbq %al, %rax
11     pop %rbp
12     ret
13 Lfe1:
```