```
 1  #include "spin.h"
 2  #include "tas.h"
 3  #include <sched.h>
 4
 5  void spin_lock(volatile char *lock)
 6  {
 7      while (tas(lock))
 8          sched_yield(); // No need to check sched yeild because it always
    succeeds in the linux implementation
 9  }
10
11  void spin_unlock(volatile char *lock)
12  {
13      *lock = 0;
14  }
```