```
void reader(void)
                                while (TRUE) {
semaphore mutex = 1;
                                   wait(&mutex);
semaphore noOther = 1;
                                     readers++:
int readers = 0;
                                     if (readers == 1)
                                        wait(&noOther);
void writer(void)
                                   signal(&mutex);
                                   reading();
  while (TRUE) {
                                   wait(&mutex):
    wait(&noOther);
                                     readers--:
      writing();
                                     if (readers == 0)
    signal(&noOther);
                                       signal(&noOther);
                                   signal(&mutex);
                                   anything();
```