```
void thread1(...) {
                                   PRECONDITION:
                                     Locked
                                                    = { }
pthread mutex lock(&L1);
                                     Unlocked
                                                    = \{ L1 \}
                                   POSTCONDITION:
pthread mutex lock(&L2);
                                     Lockset
                                                   = \{ \mathbf{L1} \}
                                     Unlockset
pthread mutex unlock(&L1);
                                     Dependencies = {}
```