```java
package com.sxt.others;

import java.util.concurrent.locks.ReentrantLock;

/**
 * 可重入锁:锁可以延续使用+计数器
 * ReentrantLock
 * @author 江
 *
 */

public class LockTest04 {
    ReentrantLock lock=new ReentrantLock();
    public void a() throws InterruptedException {
        lock.lock();
        System.err.println(lock.getHoldCount());
        doSomething();
        lock.unlock();
        System.err.println(lock.getHoldCount());
    }

    public void doSomething() throws InterruptedException {
        lock.lock();
        System.err.println(lock.getHoldCount());
        lock.unlock();
        System.err.println(lock.getHoldCount());
    }
    public static void main(String[] args) throws InterruptedException {
        LockTest04 lt=new LockTest04();
        lt.a();

        Thread.sleep(1000);

        System.err.println(lt.lock.getHoldCount());
    }
```

}