

```

// mutually exclusive read and write methods
class RWexclusive extends RWbasic {
    public synchronized void read() {
        System.out.println("read:  " + data);
    }
    public synchronized void write() {
        data++;
        System.out.println("wrote:  " + data);
    }
}

class Reader extends Thread {
    int rounds;
    RWexclusive RW;
    public Reader(int rounds, RWexclusive RW) {
        this.rounds = rounds;
        this.RW = RW;
    }
    public void run() {
        for (int i = 0; i < rounds; i++) {
            RW.read();
        }
    }
}

```

Exclusive readers/writers using Java.

Copyright © 2000 by Addison Wesley Longman, Inc.