```
// 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.

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