```
1  public SenseBarrier(int n) {
2    count = new AtomicInteger(n);
3    size = n;
4    sense = false;
5    threadSense = new ThreadLocal<Boolean>() {
6      protected Boolean initialValue() { return !sense; };
7    };
8  }
9  public void await() {
10   boolean mySense = threadSense.get();
11   int position = count.getAndDecrement();
12   if (position == 1) {
13     count.set(size);
14     sense = mySense;
15   } else {
16     while (sense != mySense) {}
17   }
18   threadSense.set(!mySense);
19 }
```

FIGURE 18.4 The SenseBarrier class: a sense reversing barrier.