```java
1   public class Balancer {
2     boolean toggle = true;
3     public synchronized int traverse() {
4       try {
5         if (toggle) {
6           return 0;
7         } else {
8           return 1;
9         }
10      } finally {
11        toggle = !toggle;
12      }
13    }
14  }
```

FIGURE 12.14 The Balancer class: a **synchronized** implementation.