

```
1 public class Counter {  
2     private long value;                      // initialized by constructor  
3     public Counter(long i) {  
4         value = i;  
5     }  
6     public long getAndIncrement() { // increment, returning prior value  
7         return value++;  
8     }  
9 }
```

**FIGURE 1.3** An implementation of the shared counter.