```
1  public class QueueConsensus<T> extends ConsensusProtocol<T> {
2    private static final int WIN = 0; // first thread
3    private static final int LOSE = 1; // second thread
4    Queue queue;
5    // initialize queue with two items
6    public QueueConsensus() {
7      queue = new Queue();
8      queue.enq(WIN);
9      queue.enq(LOSE);
10   }
11   // figure out which thread was first
12   public T decide(T value) {
13     propose(value);
14     int status = queue.deq();
15     int i = ThreadID.get();
16     if (status == WIN)
17       return proposed[i];
18     else
19       return proposed[1-i];
20   }
21 }
```

FIGURE 5.7 Two-thread consensus using a FIFO queue.