

```
1  public abstract class ConsensusProtocol<T> implements Consensus<T> {  
2      protected T[] proposed = (T[]) new Object[N]; // N is the number of threads  
3      // announce my input value to the other threads  
4      void propose(T value) {  
5          proposed[ThreadID.get()] = value;  
6      }  
7      // figure out which thread was first  
8      abstract public T decide(T value);  
9  }
```

**FIGURE 5.6** The generic consensus protocol.