

```
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.