

```
1  class FibTask extends RecursiveTask<Integer> {
2      int arg;
3      public FibTask(int n) {
4          arg = n;
5      }
6      protected Integer compute() {
7          if (arg > 1) {
8              FibTask rightTask = new FibTask(arg - 1);
9              rightTask.fork();
10             FibTask leftTask = new FibTask(arg - 2);
11             return rightTask.join() + leftTask.compute();
12         } else {
13             return arg;
14         }
15     }
16 }
```

**FIGURE 16.7** The FibTask class: Fibonacci using fork-join tasks.