

```
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.