```
1    Matrix lhs = ...; // initialize matrix
2    Matrix rhs = ...; // initialize matrix
3    Matrix sum = new Matrix(N);
4    MatrixAddTask matrixAddTask = new MatrixAddTask(lhs, rhs, sum);
5    ForkJoinPool forkJoinPool = new ForkJoinPool();
6    forkJoinPool.invoke(matrixAddTask);
```

FIGURE 16.5 Top-level code for matrix addition.