1 **import** java.util.concurrent.ExecutorService;

2 **import** java.util.concurrent.Executors;

3

4 **public** **class** PCThreadProblems

5 {

6 **public** **static** **void** main(String[] args)

7 {

8 Buffer aBuffer = **new** Buffer();

9

10 Producer producerThread = **new** Producer(aBuffer);

11 Consumer consumerThread = **new** Consumer(aBuffer);

12

13 ExecutorService launcher = Executors.newCachedThreadPool();

14 launcher.execute(producerThread);

15 launcher.execute(consumerThread);

16

17 launcher.shutdown();

18 }

19 }

**Figure 14.15 The application PCThreadProblems.**