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

2

3 **public** **class** CreatingThreads

4 {

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

6 {

7 **// create a thread**

8 ExtendsThread thread1 = **new** ExtendsThread("thread1");

9

10 **// create a runnable object and then a thread**

11 ImplementsRunnable runnableObj1 = **new** ImplementsRunnable("thread2");

12 Thread thread2 = **new** Thread(runnableObj1); **//creates a thread1**

13

14 **// create a runnable object and a thread pool**

15 ImplementsRunnable runnableObj2 = **new** ImplementsRunnable("thread3");

16 ExecutorService threadLauncher = Executors.newCachedThreadPool();

17

18 **// initiate the threads**

19 thread1.start(); **//initiates thread 1**

20 thread2.start(); **//initiates thread 2**

21

22 **// assign a runnable to a thread in the thread pool**

23 threadLauncher.execute(runnableObj2);

24

25 threadLauncher.shutdown();

26

27 System.out.println("main method has completed its execution");

28 }

29 }

**Figure 14.4 The application CreatingThreads.**