

```

1  import java.util.*;
2  import java.lang.*;
3  class NewThread implements Runnable {
4  String name;
5  String disp;
6  int n1;
7  Thread t;
8  NewThread(String threadname,String x,int time) {
9  name = threadname;
10 n1=time;
11 disp=x;
12 t = new Thread(this,name);
13 System.out.println("New thread: " + t);
14 t.start();
15 }
16 public void run() {
17 try {
18 for(int i = 1; i <=5; i++)
19 {
20 System.out.println("count "+i+": "+disp);
21 Thread.sleep(n1);
22 }
23 } catch (InterruptedException e) {
24 System.out.println(name + "Interrupted");
25 }
26 System.out.println(name + " exiting.");
27 }
28 }
29
30 class ThreadDemo {
31 public static void main(String args[]) {
32 new NewThread("thread1","BMS College of Engineering",10000);
33 new NewThread("thread2","CSE",2000);
34 try {
35 Thread.sleep(51000);
36 System.out.println("-----");
37 System.out.println("Main Thread ended\n");
38 } catch (InterruptedException e) {
39 System.out.println("Main thread Interrupted");
40 }
41 }
42 }

```

 Command Prompt

Microsoft Windows [Version 10.0.18363.1256]

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C:\Users\rahul>cd C:\workspace

C:\workspace>javac NewThread.java

C:\workspace>java ThreadDemo

New thread: Thread[thread1,5,main]

New thread: Thread[thread2,5,main]

count 1:BMS College of Engineering

count 1:CSE

count 2:CSE

count 3:CSE

count 4:CSE

count 5:CSE

count 2:BMS College of Engineering

thread2 exiting.

count 3:BMS College of Engineering

count 4:BMS College of Engineering

count 5:BMS College of Engineering

thread1 exiting.

Main Thread ended

C:\workspace>_