

```
*C:\Users\hriti\Documents\Multithread.java - Notepad++
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1 class NewThread implements Runnable
2 {
3     String name;
4     String identity;
5     Thread t;
6     long time;
7     NewThread(String threadname, long time1)
8     {
9         time=time1;
10        name=threadname;
11        t=new Thread(this, name);
12        System.out.println("First Thread "+t);
13        t.start();
14    }
15
16    public void run()
17    {
18        try
19        {
20            for(int i=0;i<20;i++)
21            {
22                System.out.println(t.getName());
23                Thread.sleep(time);
24            }
25        }
26        catch (InterruptedException e)
27        {
28            System.out.println(name + " Interrupted");
29        }
30        System.out.println(name + " exiting.");
31    }
32 }
33
34 class Multithread {
35     public static void main(String args[])
36     {
37         new NewThread("BMS College of Engineering",10000);
38         new NewThread("CSE",2000);
39     }
40 }
41
```

Java source file length: 666 lines: 41 Ln: 2 Col: 2 Pos: 40 Windows (CR LF) UTF-8 INS

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The image shows a Windows desktop environment. In the foreground, a Notepad++ window is open, displaying the source code of a Java program named 'Multithread.java'. The code defines a 'NewThread' class that implements 'Runnable' and a 'Multithread' class with a 'main' method. The 'main' method creates two threads: 'BMS College of Engineering' and 'CSE'. The 'run' method of 'NewThread' prints the thread name, sleeps for a specified time, and prints 'CSE exiting.' In the background, a Command Prompt window is open, showing the output of running the program. The output displays the thread names and the 'CSE exiting.' message. The desktop taskbar at the bottom shows various application icons, including the Start button, File Explorer, and several open applications like Chrome and Notepad++.

```
C:\Users\hriti\Documents>java Multithread
First Thread Thread[BMS College of Engineering,5,main]
First Thread Thread[CSE,5,main]
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE exiting.
```