

```
import java.util.*;
```

```
class NewThread implements Runnable
```

```
{
    String name;
    int x;
    Thread t;
    NewThread(String threadname, int a)
    {
        name = threadname;
        x=a;
        t = new Thread(this, name);
        System.out.println("New thread: " + t);
        t.start();
    }

    public void run()
    {
        try
        {
            for(int i = 20; i > 0; i--)
            {
                System.out.println(name+":"+i);
                if(x==1)
                    Thread.sleep(2000);
                else
                {
                    if(i==16) break;
                    else Thread.sleep(10000);
                }
            }

        } catch (InterruptedException e) {
            System.out.println(name + "Interrupted");
        }
        System.out.println("Exiting thread:"+name);
    }
}
```

```
class thread1
```

```
{
    public static void main(String args[])
    {
        new NewThread("CSE",1);
        new NewThread("BMS College of Engineering",2);
    }
}
```

```
New thread: Thread[CSE,5,main]
New thread: Thread[BMS College of Engineering,5,main]
BMS College of Engineering:20
CSE:20
CSE:19
CSE:18
CSE:17
CSE:16
BMS College of Engineering:19
CSE:15
CSE:14
CSE:13
CSE:12
CSE:11
BMS College of Engineering:18
CSE:10
CSE:9
CSE:8
CSE:7
CSE:6
BMS College of Engineering:17
CSE:5
CSE:4
CSE:3
CSE:2
CSE:1
BMS College of Engineering:16
Exiting thread:BMS College of Engineering
Exiting thread:CSE
```

```
-----
(program exited with code: 0)
```