

Class Task 2

Thread looping

Write the `run()` method for the following Thread class.

```
12     public class MyThreads implements Runnable{
13         String name; Thread t;
14
15         MyThreads (String threadname){
16             name = threadname;
17             t = new Thread(this, name);
18             System.out.println("New thread: " + t);
19             t.start();
20         }
21
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35
36     public static void main(String args[]) {
37
38         new MyThreads("One");
39
40         new MyThreads("Two");
41
42         new MyThreads("Three");
43
44         try {
45
46             Thread.sleep(10000);
47
48         } catch (InterruptedException e) {
49
50             System.out.println("Main thread Interrupted");
51
52         }
53
54         System.out.println("Main thread exiting.");
55
56     }
57 }
58
```

Desired OUTPUT:

```
New thread: Thread[One,5,main]
New thread: Thread[Two,5,main]
New thread: Thread[Three,5,main]
One: 5
Two: 5
Three: 5
Two: 4
One: 4
Three: 4
Three: 3
One: 3
Two: 3
One: 2
Three: 2
Two: 2
Three: 1
One: 1
Two: 1
One exiting.
Two exiting.
Three exiting.
Main thread exiting.
BUILD SUCCESSFUL (total time: 10 seconds)
```

With a delay of 1000 ms between each iteration.