

MyThread.java - Eclipse IDE

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```
AppendFile.java AppendFile1.... ReadWrite.java MyThread.java x MyRunnableT... MyClass.java *append.java exercises...
1 package prog2;
2
3 public class MyThread extends Thread
4 {
5     public void run()
6     {
7         System.out.println("concurrent thread started running..");
8     }
9
10    public static void main(String args[]) {
11        // TODO Auto-generated method stub
12        MyThread mt = new MyThread();
13        mt.start();
14    }
15
16 }
17
```

Problems Javadoc Declaration Console x

<terminated> MyThread [Java Application] C:\Users\Srinivas\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.wi  
concurrent thread started running..

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```
AppendFile.java AppendFile1... ReadWrite.java MyThread.java MyRunnableT... x MyClass.java *append.java exercises.java
1 package prog2;
2
3 public class MyRunnableThread implements Runnable{
4
5     public static int myCount = 0;
6     public MyRunnableThread() {
7
8     }
9     public void run() {
10         while(MyRunnableThread.myCount <= 10){
11             try{
12                 System.out.println("Expl Thread: "++MyRunnableThread.myCount);
13                 Thread.sleep(100);
14             } catch (InterruptedException iex) {
15                 System.out.println("Exception in thread: "+iex.getMessage());
16             }
17         }
18     }
19
20     public static void main(String a[]){
21         System.out.println("Starting Main Thread...");
22         MyRunnableThread mrt = new MyRunnableThread();
23         Thread t = new Thread(mrt);
24         t.start();
25         while(MyRunnableThread.myCount <= 10){
26             try{
27                 System.out.println("Main Thread: "++MyRunnableThread.myCount);
28                 Thread.sleep(100);
29             } catch (InterruptedException iex){
30                 System.out.println("Exception in main thread: "+iex.getMessage());
31             }
32         }
33     }
34 }
```

```
23 MyRunnableThread mrt = new MyRunnableThread();
24 Thread t = new Thread(mrt);
25 t.start();
26 while(MyRunnableThread.myCount <= 10){
27     try{
28         System.out.println("Main Thread: "++MyRunnableThread.myCount);
29         Thread.sleep(100);
30     } catch (InterruptedException iex){
31         System.out.println("Exception in main thread: "+iex.getMessage());
32     }
33 }
34 System.out.println("End of Main Thread...");
35 }
36 }
```

eclipse-workspace - prog2/src/prog2/MyRunnableThread.java - Eclipse IDE

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<terminated> MyRunnableThread [Java Application] C:\Users\Srinivas\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_17

Starting Main Thread...

Main Thread: 1

Expl Thread: 2

Main Thread: 3

Expl Thread: 3

Main Thread: 4

Expl Thread: 5

Main Thread: 6

Expl Thread: 7

Main Thread: 8

Expl Thread: 9

Main Thread: 10

Expl Thread: 11

End of Main Thread...