

```
import java.util.*;

import java.awt.*;

class One implements Runnable
{
    One()
    {
        new Thread(this,"one").start();

    }

    public void run()
    {
        for(int i=0;i<6;i++)
        {
            try
            {
                Thread.sleep(1000);

            }
            catch(InterruptedException e)
            {
                System.out.println("Hello");

            }
            System.out.println("Hello");

        }
    }
}

class Two implements Runnable
```

```

{
    Two(){
        new Thread(this,"two").start();
    }
    public void run()
    {
        for(int i=0;i<6;i++)
        {
            try
            {
                Thread.sleep(3000);

            }
            catch(InterruptedException e)
            {
                System.out.println("Welcome to VIT");
            }
            System.out.println("Welcome to VIT");
        }
    }
}

}

public class multithreading1
{
    public static void main(String args[])
    {
        One o1 = new One();
        Two t1 = new Two();
    }
}

```

```
}  
  
}
```

The screenshot shows a Notepad++ window with a Java file named `multithreading1.java`. The code defines a `run()` method that uses a `for` loop to execute a thread multiple times. Inside the loop, there is a `try` block that calls `Thread.sleep(1000);` and a `catch` block that prints "Hello". After the loop, it prints "Welcome to VIT". Below the `run()` method, there is a `Two` class that implements `Runnable` and starts a new thread.

```
21 public void run()  
22 {  
23     for(int i=0;i<6;i++)  
24     {  
25         try  
26         {  
27             Thread.sleep(1000);  
28         }  
29         catch (InterruptedException e)  
30         {  
31             System.out.println("Hello");  
32         }  
33     }  
34     System.out.println("Welcome to VIT");  
35 }  
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```

The output window shows the following text:

```
C:\Windows\System32\cmd.exe  
D:\VITOP\java-19bce0470>javac multithreading1.java  
D:\VITOP\java-19bce0470>java multithreading1  
D:\VITOP\java-19bce0470>javac multithreading1.java  
D:\VITOP\java-19bce0470>java multithreading1  
Hello  
Welcome to VIT  
Hello  
Hello  
Hello  
Welcome to VIT  
Hello  
Welcome to VIT  
Welcome to VIT  
Welcome to VIT  
Welcome to VIT  
Welcome to VIT  
D:\VITOP\java-19bce0470>
```