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## **MultiThreading:-**

**class** Test **extends** Thread

```
{
    public void run()
    {
        try
        {
            Thread.sleep(2000);
        } catch (Exception e)
        {
            e.printStackTrace();
        }
    }
}
```

**public class** MultiThreadingDemo

```
{
    public static void main(String[] args) throws Exception
    {
        for(int i=1; i<=100; i++)
        {
            Thread.sleep(2000);
            System.out.println("Thread:" +i);
        }
    }
    {
        Test test= new Test();
        for(int i=1;i<=1000;i++)
        {
            Thread t= new Thread(test);
            t.start();
            System.out.println(i);
        }
    }
}
```

### **Output:-**

Thread:1  
Thread:2  
Thread:3  
Thread:4  
Thread:5  
Thread:6  
Thread:7

Thread:8  
Thread:9  
Thread:10  
Thread:11  
Thread:12  
Thread:13  
Thread:14  
Thread:15  
Thread:16  
Thread:17  
Thread:18  
Thread:19  
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Thread:38  
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Thread:41  
Thread:42  
Thread:43  
Thread:44  
Thread:45  
Thread:46  
Thread:47  
Thread:48