

```

class MultithreadingDemo extends Thread {
public void run()
{
    try {

        System.out.println(
            "Thread " + Thread.currentThread()
+ " is running");
    }
    catch (Exception e) {
        // Throwing an exception
        System.out.println("Exception is caught");
    }
}
}

public class MultiThreading {
public static void main(String[] args)
{
    int n = 8; // Number of threads
    for (int i = 0; i < n; i++) {
        MultithreadingDemo object
        = new MultithreadingDemo();
        object.start();
    }
}
}

```

OUTPUT

```
Thread Thread[Thread-0,5,main] is running
Thread Thread[Thread-5,5,main] is running
Thread Thread[Thread-7,5,main] is running
Thread Thread[Thread-3,5,main] is running
Thread Thread[Thread-2,5,main] is running
Thread Thread[Thread-6,5,main] is running
Thread Thread[Thread-1,5,main] is running
Thread Thread[Thread-4,5,main] is running
PS C:\Users\Rahul singh\OneDrive\Desktop\Java>
```