Experiment 10: Implement a program on Multithreading.

```java
class Multithread {
 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();
 }
 }
 }

class MultithreadingDemo extends Thread {
 public void run()
 {
 try {
 // Displaying the thread that is running
 System.out.println(
 "Thread " + Thread.currentThread().getId()
 + " is running");
 }
 catch (Exception e) {
 // Throwing an exception
 System.out.println("Exception is caught");
 }
 }
 }
```

Output:

```
C:\Users\Priti\OneDrive\java exmple> java Multithread.java
Multithread.java:21: warning: [deprecation] getId() in Thread has been deprecated
 "Thread " + Thread.currentThread().getId()
                                   ^
1 warning
Thread 25 is running
Thread 22 is running
Thread 21 is running
Thread 28 is running
Thread 27 is running
Thread 23 is running
Thread 26 is running
Thread 24 is running
```