NAME:- PRADEEP LAHU RATHOD

ROLL NO:- 49

MULTI THREADING

CODE :

```java
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();

    }

  }

}

class MultithreadingDemo extends Thread {

    public void run() {

        try {

            // Your code that might throw exceptions

            System.out.println("Thread " + Thread.currentThread() + " is running");

        } catch (Throwable t) {

            // Handle the exception

            System.out.println("Exception is caught: " + t.getMessage());

        }

    }
```

}

OUTPUT :

```
C:\Users\yedu0\OneDrive\Documents\java>javac Multithreading.java

C:\Users\yedu0\OneDrive\Documents\java>java Multithreading.java
Thread Thread[#24,Thread-1,5,main] is running
Thread Thread[#30,Thread-7,5,main] is running
Thread Thread[#28,Thread-5,5,main] is running
Thread Thread[#29,Thread-6,5,main] is running
Thread Thread[#27,Thread-4,5,main] is running
Thread Thread[#26,Thread-3,5,main] is running
Thread Thread[#25,Thread-2,5,main] is running
Thread Thread[#23,Thread-0,5,main] is running
```