

## Experiements\Ex-13\Multithread.java

```
1  class MultithreadingDemo extends Thread {
2      public void run()
3      {
4          try {
5              System.out.println("Thread " + Thread.currentThread().getId() + " is running");
6          }
7          catch (Exception e) {
8              System.out.println("Exception is caught");
9          }
10     }
11 }
12 public class Multithread {
13     public static void main(String[] args){
14         int n = 8;
15         for (int i = 0; i < n; i++) {
16             MultithreadingDemo object = new MultithreadingDemo();
17             object.start();
18         }
19     }
20 }
21 /*
22  * Output:-
23  PS C:\Users\gagan\Documents\Repository\Java\Experiements\Ex-13> cd
24  "c:\Users\gagan\Documents\Repository\Java\Experiements\Ex-13\" ; if ($?) { javac
25  Multithread.java } ; if ($?) { java Multithread }
26  Thread 13 is running
27  Thread 19 is running
28  Thread 16 is running
29  Thread 18 is running
30  Thread 14 is running
31  Thread 20 is running
32  Thread 15 is running
33  Thread 17 is running
34  */
```