

```

1  import java.io.Scanner;
2
3  public class DebugProgram4 {
4
5
6      public static Scanner input = new Scanner(System.out);
7
8
9
10     public static void main(String[] args) {
11
12
13         // This program will print out all numbers in decreasing order
14
15         System.out.print("Please enter the number you want to start counting down from: "
16             );
17         int num = input.nextInt();
18
19         System.out.println("Please enter the number you would like to stop counting down
20             from: ");
21         int stopNum = input.nextInt();
22
23         int i = num;
24         while(i >= stopNum) {
25             i++;
26             if(i >= 0) {
27                 System.out.println(i);
28             } else {
29                 System.out.print(i + ", ");
30             }
31
32             System.out.println("Finished counting down! Exiting...");
33
34         }
35
36
37         /*
38         =====
39         Expected Output Samples:
40         =====
41
42         -----
43         Sample Output 1
44         -----
45         Please enter the number you want to start counting down from: 10
46         Please enter the number you would like to stop counting down from: 0
47         10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0
48         Finished counting down! Exiting...
49
50         -----
51         Sample Output 2
52         -----
53         Please enter the number you want to start counting down from: 5
54         Please enter the number you would like to stop counting down from: 10
55         Finished counting down! Exiting...
56
57
58
59         */
60
61
62     }
63

```