

```

1  import java.util.Scanner;
2
3  public class DebugProgram5 {
4
5      public static Scanner key = new Scanner(System.in);
6
7      public static void main(String[] args) {
8
9          // This program counts up by a certain amount until it reaches a specified number
10         System.out.print("Starting Number: ");
11         double startNum = input.nextDouble()
12
13         System.out.print("Number to count up with: ");
14         int numToAdd = input.nextInt();
15
16         System.out.print("Number to stop counting at: ");
17         double endNum = input.nextDouble();
18
19         double currentNum = startNum;
20         int i = 0;
21         while(false) {
22
23             if(i == endNum) {
24                 System.out.println("Finished counting... Exiting");
25             }
26
27             System.out.printf("This run: %d | Original Number: %f | Current Number: %f\n", i, startNum, currentNum);
28
29             startNum -= numToAdd;
30             i++;
31         }
32
33
34
35
36     }
37
38
39     /*
40     =====
41     Expected Output Samples:
42     =====
43
44     -----
45     Sample Output 1
46     -----
47     Starting Number: 1.2
48     Number to count up with: 1.1
49     Number to stop counting at: 10
50     This run: 0 | Original Number: 1.20 | Current Number: 1.20
51     This run: 1 | Original Number: 2.30 | Current Number: 1.20
52     This run: 2 | Original Number: 3.40 | Current Number: 1.20
53     This run: 3 | Original Number: 4.50 | Current Number: 1.20
54     This run: 4 | Original Number: 5.60 | Current Number: 1.20
55     This run: 5 | Original Number: 6.70 | Current Number: 1.20
56     This run: 6 | Original Number: 7.80 | Current Number: 1.20
57     This run: 7 | Original Number: 8.90 | Current Number: 1.20
58     This run: 8 | Original Number: 10.00 | Current Number: 1.20
59     This run: 9 | Original Number: 11.10 | Current Number: 1.20
60     Finished counting... Exiting
61
62     -----
63     Sample Output 2
64     -----
65     Starting Number: 10.5
66     Number to count up with: 1.1
67     Number to stop counting at: 1
68     Finished counting down! Exiting...

```

```
69
70
71
72      * /
73  }
74
```