

Iteration Worksheet: countTo

After testing your code, carefully copy your `countToWhile` and `countToFor` methods into the appropriate box below. Ensure you write your code with proper indenting. Do not include class information, nor the `main` method.

```
1. // Method countToWhile

1 public static void countToWhile(int limit) {
2     int count = 1;
3     while(count <= limit) {
4         System.out.print(count + " ");
5         count++;
6     }
7     System.out.println();
8 }

2. // Method countToFor

1 public static void countToFor(int limit) {
2     for(int count = 1; count <= limit; count++) {
3         System.out.print(count + " ");
4     }
5     System.out.println();
6 }
```

After testing your code, carefully copy your code for all three `countTo` methods into the box below. If there is insufficient room to write the code neatly below, use the back of this paper.

```
1 public static void countTo(int start, int end, int step) {
2     for(int i = start; i <= end; i += step) {
3         System.out.print(i + " ");
4     }
5     System.out.println();
6 }

7 public static void countTo(int start, int end) {
8     countTo(start, end, 1);
9 }

10 public static void countTo(int end) {
11     countTo(1, end, 1);
12 }
```