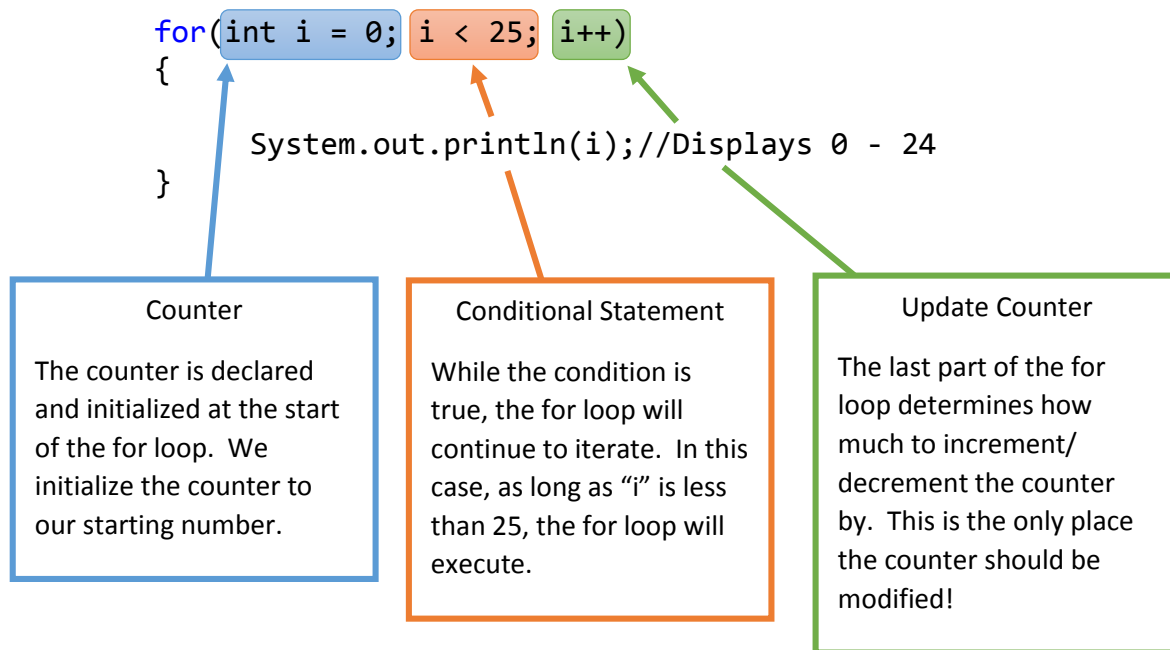

For Loop

A for loop is a basic “Count-Controlled” Loop. This means that the number of times a for loop will execute is determined by a counter. A for loop contains the following components:



The for loop executes in the following steps:

1. Initialize counter (`int i = 0`)
 2. Check the conditional statement (`i < 25`)
 - a. True
 - i. Execute the code (`System.out.println(i);`)
 - ii. Update Counter (`i++`)
 - iii. Go back to Step 2
 - b. False
 - i. Exit for loop
-
- A large orange arrow originates from the 'Go back to Step 2' instruction in the 'True' branch and loops back to the 'Check the conditional statement' step, indicating the iterative nature of the loop.

For Loop Exercises

ForLoopExercises.java & For LoopAnswers.java