

```

1 // The name of the file on your computer is "ForLoop.java"
2 // This first line helps the computer to indentify what the name is
3 public class ForLoop {
4     // The main method.
5     // This is where the computer will start reading.
6     public static void main(String[] args)
7     {
8         /*-----+-----*/
9         /*                                     */
10        /* For each iteration of i,           */
11        /* starting from 1 and going up to 3... */
12        /*                                     */
13        /* Initialization: Declare a variable, */
14        /* in this case, set i to start at 1   */
15        /*                                     */
16        /* Condition: "So long as" i <= 3:     */
17        /* run the code on the inside of the  */
18        /* curly braces {      }              */
19        /*                                     */
20        /* Update: After looping back to the   */
21        /* top of the for loop when reaching   */
22        /* the closing }, update the value of  */
23        /* the variable, in this case i, with  */
24        /*                                     */
25        /* the expression found in update.     */
26        /* i++ is shorthand for i = i + 1; and */
27        /* i-- is shorthand for i = i - 1;     */
28        /*                                     */
29        /*                                     */
30        /*   Initialization   Condition   Update   */
31        /*   -----   -----   -----   */
32        /*           |           |           |   */
33        /*           |           |           |   */
34        /*           \|\|       \|\|       \|\|   */
35        /*           V           V           V   ++-----*/
36        for(    int i = 1;    i <= 3;    i++    ) {
37            //
38            //
39            //
40            //
41            //
42            //                                     No semicolon here!
43            // Print out a +
44            System.out.print("+");
45        }
46
47        // At this point, the for loop has ended
48        // Print out a !
49        System.out.print("!");
50    }
51 }
52
53 /******OUTPUT*****\
54 Line 1: | +++! | <--- Output cursor is on this line
55 Line 2: |
56 Line 3: |
57 Line 4: |
58 Line 5: |
59 Line 6: |
60 \*****\

```