1 **import** javax.swing.\*;

2

3 **public class** ForLoopCounting

4 {

5 **public static void** main(String[] args)

6 { **int** start, end, increment;

7 String input;

8

9 input = JOptionPane.showInputDialog("Enter the starting value:");

10 start = Integer.parseInt(input);

11 input = JOptionPane.showInputDialog("Enter the ending value: ");

12 end = Integer.parseInt(input);

13 input = JOptionPane.showInputDialog("Count by?:");

14 increment = Integer.parseInt(input);

15

16 System.out.println("Counting from " + start + " to " + end +

17 "by " + increment + "s:");

18 **for**(**int** i=start; i<=end; i=i+increment)

19 {

20 System.out.println(i);

21 }

22 }

23 }

**Input prompts and user inputs:**

Enter the starting value: 3

Enter the ending value: 27

Count by?: 5

**Outputs:**

Counting from 3 to 23 by 5s:

3

8

13

18

23

**Figure 5.4 The application ForLoopCounting.**