

```

1 package loop;
2
3 import java.util.Scanner;
4
5 public class StudentList {
6     public static void main(String[] args) {
7         Scanner scanner = new Scanner(System.in);
8         String[] students = new String[5];
9
10        System.out.println("Enter names of 5 students who are present today:");
11
12        for (int i = 0; i < 5; i++) {
13            System.out.print("Student " + (i + 1) + ": ");
14            students[i] = scanner.nextLine();
15        }
16
17        System.out.println("\nList of Present Students:");
18        for (int i = 0; i < 5; i++) {
19            System.out.println((i + 1) + ". " + students[i]);
20        }
21    }
22 }
23

```

Problems Javadoc Declaration Console X

<terminated> StudentList [Java Application] C:\Program Files\Java\jdk1.8.0\_202\bin\javaw.exe (Jul 14, 2025, 6:38:45 PM – 6:39:44 PM elapsed)

Student 3: pqr  
Student 4: stu  
Student 5: def

List of Present Students:

1. xyz  
2. abc  
3. pqr  
4. stu  
5. def

```
1 package loop;
2
3 public class Left {
4
5     public static void main(String[] args) {
6
7         for (int i = 1; i <= 6; i++) {
8             for (int j = 1; j <= (2 * i - 1); j++) {
9                 System.out.print("*");
10            }
11            System.out.println();
12        }
13    }
14
15
16
17 }
18
19
```

Problems Javadoc Declaration Console X

<terminated> Left [Java Application] C:\Program Files\Java\jdk1.8.0\_202\bin\javaw.exe (Jul 14, 2025, 6:44:26 PM – 6:44:31 PM elapsed: 0:0)

```
*
***
*****
*****
*****
*****
*****
```

```
1 package loop;
2
3 public class Right {
4
5     public static void main(String[] args) {
6
7         for (int i = 1; i <= 5; i++) {
8             for (int j = 5; j > i; j--) {
9                 System.out.print(" ");
10            }
11            for (int k = 1; k <= i; k++) {
12                System.out.print("*");
13            }
14            System.out.println();
15        }
16    }
17 }
18
19
```

Problems Javadoc Declaration Console X

<terminated> Right [Java Application] C:\Program Files\Java\jdk1.8.0\_202\bin\javaw.exe (Jul 14, 2025, 6:46:28 PM – 6:46:28 PM e

```
*
**
***
****
*****
```

```

3 import java.util.Scanner;
4
5 public class Atm {
6
7     public static void main(String[] args) {
8         Scanner scanner = new Scanner(System.in);
9         int withdrawalCount = 0;
10        double balance = 10000.0; // Starting balance
11
12        do {
13            System.out.print("Enter amount to withdraw: ");
14            double amount = scanner.nextDouble();
15
16            if (amount > balance) {
17                System.out.println("Insufficient balance.");
18            } else {
19                balance -= amount;
20                System.out.println("Withdrawal successful. Remaining balance: ₹" + balance)
21            }
22
23            withdrawalCount++;
24            while (withdrawalCount < 5);
25
26            System.out.println("Maximum withdrawal limit reached for this session.");
27        }
28    }

```

Problems Javadoc Declaration Console ×

Atm [Java Application] C:\Program Files\Java\jdk1.8.0\_202\bin\javaw.exe (Jul 14, 2025, 6:48:35 PM elapsed: 0:00:30) [pid: 13912]

```


Enter amount to withdraw: 5000
Withdrawal successful. Remaining balance: ₹5000.0
Enter amount to withdraw: 2000
Withdrawal successful. Remaining balance: ₹3000.0
Enter amount to withdraw: 2000
Withdrawal successful. Remaining balance: ₹1000.0
Enter amount to withdraw: 1000
Withdrawal successful. Remaining balance: ₹0.0
Enter amount to withdraw:

```

```

1 package loop;
2
3 public class Rectangle {
4     int length;
5     int width;
6
7     // Constructor
8     Rectangle(int length, int width) {
9         this.length = length;
10        this.width = width;
11    }
12
13    // Method to calculate area
14    int getArea() {
15        return length * width;
16    }
17
18    public static void main(String[] args) {
19        // Creating two Rectangle objects with random values
20        Rectangle rectangle1 = new Rectangle(5, 10); // Area = 50
21        Rectangle rectangle2 = new Rectangle(4, 12); // Area = 48
22
23        // Getting the areas
24        int area1 = rectangle1.getArea();
25        int area2 = rectangle2.getArea();
26
27        // Comparing using relational operators
28        if (area1 > area2) {
29            System.out.println("Rectangle1 > Rectangle2");
30        } else if (area1 < area2) {
31            System.out.println("Rectangle1 < Rectangle2");
32        } else {
33            System.out.println("They are equal");
34        }

```

 Problems
  Javadoc
  Declaration
  Console
 

<terminated> Rectangle [Java Application] C:\Program Files\Java\jdk1.8.0\_202\bin\javaw.exe (Jul 16, 2025, 1:04:09 PM – 1:04:09 PM)

Rectangle1 > Rectangle2