Jump Statements

Jump statements are used to transfer the control of the program to the specific statements. In other words, jump statements transfer the execution control to the other part of the program. There are two types of jump statements in Java, i.e., break and continue.

Java break statement

As the name suggests, the [break statement](https://www.javatpoint.com/java-break) is used to break the current flow of the program and transfer the control to the next statement outside a loop or switch statement. However, it breaks only the inner loop in the case of the nested loop.

The break statement cannot be used independently in the Java program, i.e., it can only be written inside the loop or switch statement.

**The break statement example with for loop**

Consider the following example in which we have used the break statement with the for loop.

**BreakExample.java**

1. **public** **class** BreakExample {
3. **public** **static** **void** main(String[] args) {
4. // TODO Auto-generated method stub
5. **for**(**int** i = 0; i<= 10; i++) {
6. System.out.println(i);
7. **if**(i==6) {
8. **break**;
9. }
10. }
11. }
12. }

**Output:**

0

1

2

3

4

5

6

**break statement example with labeled for loop**

**Calculation.java**

1. **public** **class** Calculation {
3. **public** **static** **void** main(String[] args) {
4. // TODO Auto-generated method stub
5. a:
6. **for**(**int** i = 0; i<= 10; i++) {
7. b:
8. **for**(**int** j = 0; j<=15;j++) {
9. c:
10. **for** (**int** k = 0; k<=20; k++) {
11. System.out.println(k);
12. **if**(k==5) {
13. **break** a;
14. }
15. }
16. }
18. }
19. }

22. }

**Output:**

0

1

2

3

4

5

Java continue statement

Unlike break statement, the [continue statement](https://www.javatpoint.com/java-continue) doesn't break the loop, whereas, it skips the specific part of the loop and jumps to the next iteration of the loop immediately.

Consider the following example to understand the functioning of the continue statement in Java.

1. **public** **class** ContinueExample {
3. **public** **static** **void** main(String[] args) {
4. // TODO Auto-generated method stub
6. **for**(**int** i = 0; i<= 2; i++) {
8. **for** (**int** j = i; j<=5; j++) {
10. **if**(j == 4) {
11. **continue**;
12. }
13. System.out.println(j);
14. }
15. }
16. }
18. }

**Output:**

0

1

2

3

5

1

2

3

5

2

3

5