Array Comparison

```
public class ArrayComparison {
    public static void main(String[] args) {
        // Initializing two arrays with example data
        int[] oldItemCount = {1, 2, 3, 4, 5};
        int[] itemCount = {1, 2, 3, 4, 6}; // Different last item to demonstrate a false result

        // Variable to track if arrays are the same
        boolean same = true;

        // Check if arrays are the same length to avoid IndexOutOfBoundsException
        if (oldItemCount.length != itemCount.length) {
            same = false;
        } else {
            // Compare elements of both arrays
            for (int i = 0; i < itemCount.length; i++) {
                if (oldItemCount[i] != itemCount[i]) {
                    same = false;
                    break; // Exit the loop as soon as a difference is found
                }
            }
        }

        // Output the result of the comparison
        System.out.println("Arrays are the same: " + same);
    }
}
```

OUTPUT

Arrays are the same: false

Copying the Array

```
public class ArrayCopyExample {

    public static void main(String[] args) {

        int[] originalArray = {1, 2, 3, 4, 5}; // Original array

        int[] copiedArray = new int[originalArray.length]; // New array to hold the copy

        // Copy each element from the original array to the new array

        for (int i = 0; i < originalArray.length; i++) {

            copiedArray[i] = originalArray[i];

        }

        // Displaying the original and copied array

        System.out.print("Original Array: ");

        for (int value : originalArray) {

            System.out.print(value + " ");

        }

        System.out.println();


        System.out.print("Copied Array: ");

        for (int value : copiedArray) {

            System.out.print(value + " ");

        }

    }

}
```

OUTPUT

Original Array: 1 2 3 4 5

Copied Array: 1 2 3 4 5