Übung Operatoren:

Schreibe den Output wie er in der Komandozeile erscheint auf:

Aufgabe 1:

```java
public class Exercise2_Operatoren {
    public static void main(String[] args) {
        String str = "Sonnenblume";
        char c = (str.length() == 10) ? str.charAt(5) : str.charAt(5);
        int d = 8, e = d * 2;
        String x = String.valueOf(c);
        String[] s2 = str.split(x);

        String extractedWord = (s2.length > 5) ? s2[2] : s2[3];

        System.out.println("c: " + c + "\nstr: " + str + "\nd: " +
                --d + "\ne: " + e + "\ns2: " + extractedWord);

        c(3, "Elefant".charAt(4));
        b(true);
    }

    public static void c(int i, char c) {
        byte k = 4;
        while (i < k + 2) {
            for (int y = 0; y < k; y++) {
                System.out.println(c);
                i++;
            }
            System.out.println("-");
        }
    }

    public static void b(boolean go) {
        long k = 5;
        short j = 15;
        int count = 0;

        while (go && k > 0) {
            k--;
            if (k % 2 == 0) {
                j++;
                count++;
            } else {
                j--;
            }
            if (count == 3) {
                break;
            }
        }
        System.out.println(j % 5 == 0);
    }
}
```

```
Lösung:
/*
    c: n
    str: sonnenblume
    d: 7
    e: 16
    s2: blume
    a
    a
    a
    a
    -
    false

 */
```

Aufgabe 2:

```java
public class Exercise3_Operatoren {
    public static void main(String[] args) {
        int[] array = {3, 7, 1, 9, 4, 6, 2, 8, 5};

        mysteryOperation(array);

        for (int num : array) {
            System.out.print(num + " ");
        }
    }

    public static void mysteryOperation(int[] arr) {
        for (int i = 0; i < arr.length / 2; i++) {
            int temp = arr[i];
            arr[i] = arr[arr.length - 1 - i];
            arr[arr.length - 1 - i] = temp;
        }
    }
}


//Lösung:  5 8 2 5 4 9 1 7 3
```