Aufgabe 12: Programmablauf

```java
public class exam {
    private static char[] array = {'W', 'W', 'I', 'D', 'S'};

    public static void a() {
        String s = "Tutorium";
        s = s.toLowerCase();

        char c;
        if (s.length() <= 8) {
            c = s.charAt(s.length() - (s.length()/2));
        } else {
            c = s.charAt(1);
        }

        double d = 1.5;
        String[] s2 = s.split("o");
        short e = (short) d;
        d = d + 3;
        System.out.println("c: " + c);
        System.out.println("s: " + s);
        System.out.println("d: " + d);
        System.out.println("e: " + e++);
        System.out.println("s2: " + s2[1]);
    }

    public static boolean b(boolean status) {
        int k = 7 % 3;
        short j = 9;
        while (status) {
            k++;
            if (k == 7) {
                break;
            }
            --j;
        }
        System.out.println(j % 2 != 0);
        return j % 2 == 0;
    }

    public static void c(int i, char c) {
        for (int x = 1; x <= i; x++) {
            for (int y = 0; y < x; y++) {
                System.out.print(c);
            }
            System.out.println();
        }
    }

    public static String d(int... n) {
        String s = "";
        for (int i : n) {
            s += array[i + 1];
        }
        return s.toLowerCase();
    }
```

```java
public static void e(int i, int k) {
    double h = i + k;
    i = --k;
    i = k++ + i++;
    h = --k * --i;
    System.out.println(h);
    System.out.println(i--);
    System.out.println(k + k);
}

public static void main(String[] args) {
    a(); // 3 Punkte
    System.out.println(b(true)); // 4 Punkte
    c(3, "programmierung".charAt(4)); // 5 Punkte
    c(1, 'p'); // 1 Punkt
    System.out.println(d(2, 1, 3, 1)); // 2 Punkte
    System.out.println(d(1, 3)); // 2 Punkte
    e(3,2); // 3 Punkte
}

}
```

Was wird auf der Konsole ausgegeben?