20250221 PasswordBuilder

## Aufgabe 1

What is the result and why?

StringBuilder a = new StringBuilder();  
StringBuilder b = a.append("a");  
System.out.println(a==b);

Though these are not Strings but StringBuilders, b obtains the same object reference as a, while it is being appended at the same time, but this doesn’t even matter, because from there on, a und b are mirrored. So, the output will be true. (Only one object has been built.)

## Aufgabe 2

Complete the Java Code provided as zip archive