```
public static int compute(String string1, String string2) {
if (string1.length() < string2.length()) {</pre>
    x = string1.length();
} else {
    x = string2.length();
int result = 0;
for (int i = 0; i < x; i++) {
    if (string1.charAt(i) == string2.charAt(i)) {
        result++;
return result;
```