```
public static int compute(String string1, String string2) {
if (string1.length() ≪ string2.length()) {
      = string1_length():
      string2.length();
int result = 0:
for (i = 0: i < x; i++) {
      (string1 charAt(i) == string2.charAt(i)) {
        result++;
return result;
```