

```
1  #include <stdio.h>
2
3  int compareStrings(char str1[], char str2[]) {
4      int i = 0;
5
6      while (str1[i] && str2[i]) {
7          if (str1[i]-str2[i]==0) {
8              return 1;
9          }
10         else {
11             return 0;
12         }
13
14         i++;
15     }
16 }
17 int main() {
18     char str1[100], str2[100]; // array size: 100
19     int result;
20
21     printf("Enter first string: ");
22     scanf("%s", &str1);
23
24     printf("Enter second string: ");
25     scanf("%s", &str2);
26
27     result = compareStrings(str1, str2);
28
29     if (result == 0) {
30         printf("Both strings are different.\n");
31     }
32     else {
33         printf("Both strings are equal.\n");
34     }
35     return 0;
36 }
```