

Solution Code



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/* C Program to Compare Two Strings without using library function */
#include<stdio.h>
int main(){
    char str1[20],str2[20],i,j,flag=0;
    printf("\nEnter first string :: ");
    gets(str1);
    printf("\nEnter Second string :: ");
    gets(str2);
    i=0; j=0;
    while(str1[i]!='\0') {
        i++; }
    while(str2[j]!='\0') {
        j++; }
    if(i!=j) {
        flag=0; }
    else {
        for(i=0,j=0;str1[i]!='\0',str2[j]!='\0';i++,j++) {
            if(str1[i]==str2[j]) {
                flag=1;
            }
        }
    }
    if(flag==0) {
        printf("\nStrings are not equal\n");
    }
    else {
        printf("\nStrings are equal.\n");
    }
    return 0;
}
```