```c
#include <stdio.h>
#include <conio.h>
#include <string.h>
void main() {
    char s[20], r[20];
    int i, j, l=0;
    clrscr();
    printf("Input a string \n");
    get(s);
    while (s[l] != '\0')
        l++
    j = l-1
    for(i=0; i<l; i++){
        r[i] = s[j];
        j--;
    }
    r[j] = '\0';
    printf("\n The reversed string is \n");
    puts(r);
    if (strcmp(r, s) == 0)
        printf("\n The entered string is a palindrome");
    else
        printf("\n The entered string is not a palindrome");
    getch();
}
```