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/* Program to Find Whether a String is Palindrome or Not without
    using String Functions */

#include <stdio.h>
#include <string.h>

main()
{
    char s1[20];
    int i, j, len=0, flag=0;

    printf("\nEnter any string: ");
    gets(s1);

    for (i=0; s1[i]!='\0'; i++)
        len++;
    i = 0;
    j = len-1;
    while (i < len)
    {
        if (s1[i] != s1[j])
        {
            flag = 1;
            break;
        }
        i++;
        j--;
    }
    if (flag == 0)
        printf("\nString is palindrome");
    else
        printf("\nString is not palindrome");
    getch();
}
```