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/* Program to Find Whether a String is Palindrome or Not without  
using String Functions */
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#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();  
}
```