

Check whether a string is palindrome or not

```
#include <stdio.h>

#include<string.h>

int main()
{
    char str[10];

    int len,i,n,flag=0;

    printf("Enter the string:");

    scanf("%s",str);

    len=strlen(str);

    for(i=0;i<=len;i++)
    {
        if(str[i]!=str[len-1-i])
        {
            flag=1;

            break;
        }
    }

    if(flag==0)

    printf("The given string %s is PALINDROME",str);

    else

    printf("The given string %s is not a PALINDROME",str);

    return 0;

}
```

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main.c

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Language C

```
7  =====/
8
9  #include <stdio.h>
10 #include <string.h>
11 int main()
12 {
13     char str[10];
14     int len,i,n,flag=0;
15     printf("Enter the string:");
16     scanf("%s",str);
17     len=strlen(str);
18     for(i=0;i<len;i++)
19     {
20         if(str[i]!=str[len-1-i])
21         {
22             flag=1;
23             break;
24         }
25     }
26     if(flag==0)
27     printf("The given string %s is PALINDROME",str);
28     else
29     printf("The given string %s is not a PALINDROME",str);
30 }
```

input

Enter the string:MADAM
The given string MADAM is not a PALINDROME
...Program finished with exit code 0
Press ENTER to exit console.