

```
#include <stdio.h>
#include <string.h>
int main()
{
    char string1[20];
    int i, length;
    int flag = 0;

    printf("Enter a string:");
    scanf("%s", string1);

    length = strlen(string1);

    for(i=0;i < length ;i++)
    {
        if(string1[i] != string1[length-i-1])
        {
            flag = 1;
            break;
        }
    }

    if (flag) {
        printf("%s is not a palindrome", string1);
    }
    else {
        printf("%s is a palindrome", string1);
    }
    return 0;
}
```

