**Palindrome:**

#include <stdio.h>

#include<string.h>

int checkpalindrome(char s[20])

{

int j=0,i;

i=strlen(s)-1;

while(s[j]!='\0')

{

if(s[j]!=s[i])

return 0;

j++;

i--;

}

return 1;

}

int main()

{

char s[20];

int i;

printf("enter a string");

scanf("%s",s);

i=checkpalindrome(s);

if(i==1)

printf("given string is palindrome");

else

printf("given string is not palindrome");

}

**Output:**

enter a string madam

given string is palindrome

enter a string human

given string is not palindrome