**// 5. Write a function that checks whether a giving string is palindrome or not. Use this function to find whether the string entered by user is palindrome or not**

using namespace std;

#include<iostream>

void palindrome (char a[],int l);

int main()

{

int l;

cout<<"enter the limit:- ";

cin>>l;

char a[l];

cout<<"\n enter string :- ";

for(int i=0;i<l;i++)

cin>>a[i];

palindrome(a,l);

system("pause");

return 0;

}

void palindrome(char a[],int l)

{

int i,j,flag=0;

for(i=0,j=l-1;i<l/2;++i,--j)

{

if(a[i]==a[j])

flag=1;

}

if(flag==1)

cout<<"\nGiven string is palindrome\n";

else if(flag==0)

cout<<"\nGiven string is not palindrome\n";

}

Output :-

