#include<stdio.h>

#include<string.h>

//program to find if the string is a palindrome or not.

void printrev(char str[])

{

int len=strlen(str);

printf("Given String:");

for(int i=len-1;i>=0;i--)

{

printf("%c",str[i]);

}

printf("\n");

}

int ispal(char str[])

{

int len=strlen(str);

for(int i=0;i<len/2;i++)

{

if(str[i]!=str[len-i-1])

{

return 0;

}

}

return 1;

}

int main()

{

char input[100];

printf("Enter the string:");

scanf("%s",&input);

printrev(input);

if(ispal(input))

{

printf("%s is a palindrome.",input);

}

else

{

printf("%s is not a palindrome.",input);

}

}

