**PROGRAM:**

import java.util.Scanner;

class palindrome{

public static void main(String[] args){

Scanner sc= new Scanner(System.in);

System.out.println("Enter a string : ");

String str=sc.nextLine();

int flag=0;

int len=str.length();

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

if(str.charAt(i)!=str.charAt(len-i-1)){

flag=1;

break;

}

}

if(flag==0)

System.out.println("The string is a palindrome");

else

System.out.println("The string is not a palindrome");

}

}

**OUTPUT:**

Enter a string :

malayalam

The string is a palindrome