

Day 33 coding Statement : Write a Program to check if String is a palindrome or not

Description : Get an input string from the user and then check whether it is a palindrome string or not.

Input : noon

Output : Palindrome

Input : Talent

Output : Not a Palindrome

Program :

```
package com.talentbattle.codingchallenge;

import java.util.Scanner;

public class String_Palindrome {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner scan = new Scanner(System.in);
        System.out.println("Enter a String : ");
        String str = scan.next();
        String reverse = "";

        for(int i = (str.length()-1);i>=0;i--)
        {
            reverse = reverse + str.charAt(i);
        }
        if(str.toLowerCase().equals(reverse.toLowerCase()))
        {
            System.out.println("Palindrome");
        }
        else
        {
            System.out.println("Not a Palindrome");
        }
    }
}
```

