

Q.8>> A) Write a java programme to input a string & to check whether it is palindrome or not.

```
/*string palindrome or not*/  
import java.util.*;  
public class String_Palindrome  
{  
    public static void main(String args[])  
    {  
        String x,t;  
        t="";  
        int i;  
        char c;  
        System.out.println("enter a string");  
        Scanner sc=new Scanner(System.in);  
        x=sc.nextLine();  
        for(i=0;i<x.length();i++)  
        {  
            c=x.charAt(i);  
            t=c+t;  
        }  
        System.out.println("the new string is");  
        System.out.println(t);  
        if(x.equals(t))  
            System.out.println("the string is palindrome");  
        else  
            System.out.println("the string is not palindrome");  
    }  
}
```

```
Command Prompt
C:\Users\HP\OneDrive\Desktop\notepad prog>javac String_Palindrome.java
C:\Users\HP\OneDrive\Desktop\notepad prog>java String_Palindrome
enter a string
Aliah
the new string is
hailA
the string is not palindrome
```