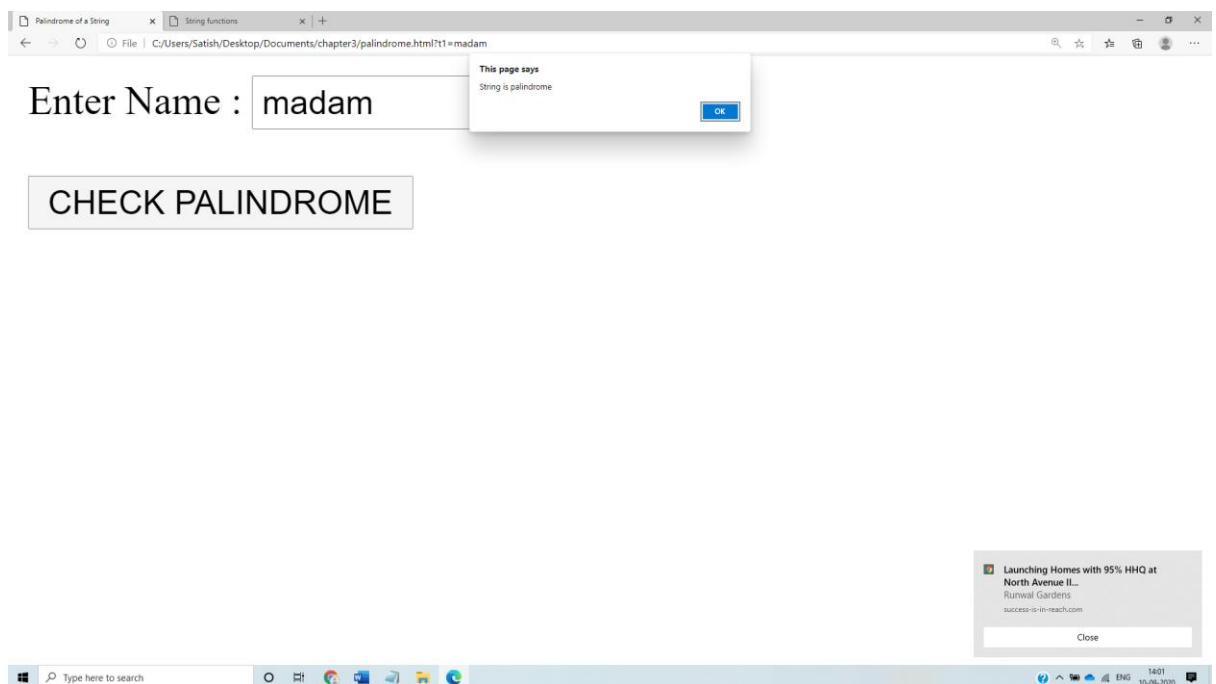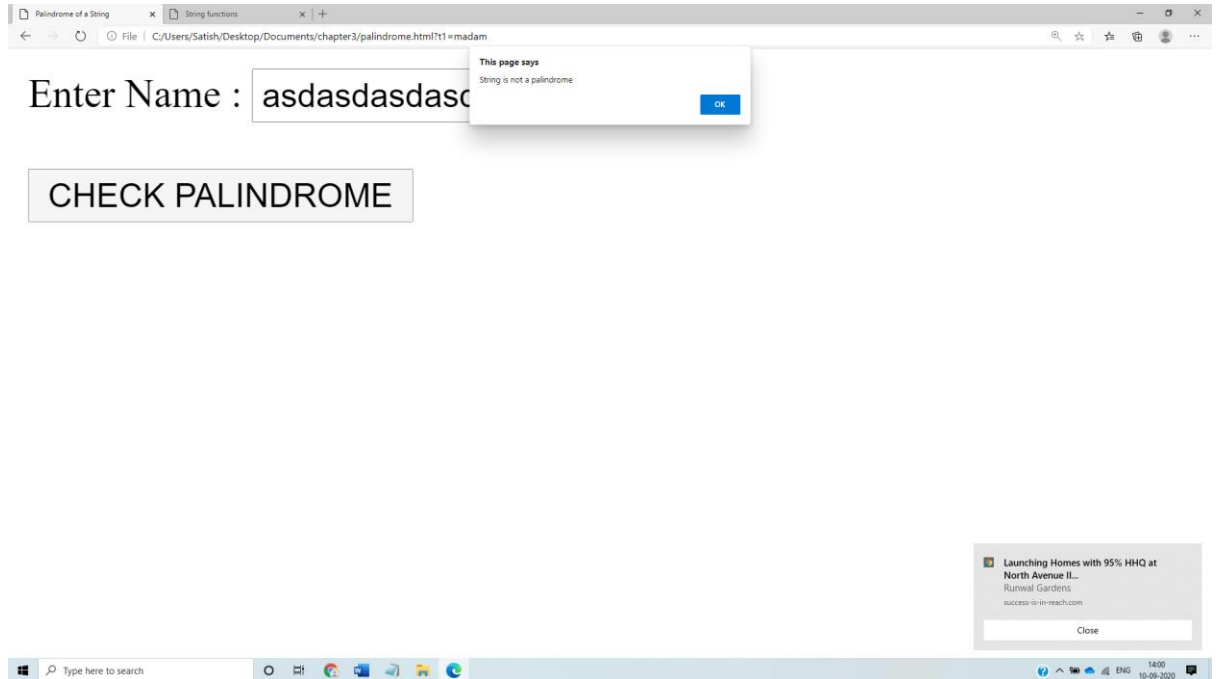**SOP 5 : Question**

Create event driven JavaScript program for the following. Make use of appropriate variables, JavaScript inbuilt string functions and control structures.

➢ To accept string from user and reverse the given string and check whether it is palindrome or not.

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OUTPUT :

palindrome.html

palindrome.html code :

```
<!DOCTYPE html>

<html>

<head>

<title>

Palindrome of a String

</title>

<script type = "text/javascript">

function chk()

{

    var a,s,i,ch,n,p;

    a = f1.t1.value;

    s = a.toLowerCase();

    n = s.length;

    p=1;

    for(i=0;i<n/2;i++)

    {

            if(s.charAt(i) != s.charAt(n-1-i))
```

```
                {
                        p=0;
                        break;
                }
        }
        if(p==1)
        alert("String is palindrome");
        else
        alert("String is not a palindrome");
}
</script>
</head>
<body>
<form name = "f1">
Enter  Name :
<input type = "text" name = "t1"><br><br>
<input type ="button" name = "b1" value = "CHECK PALINDROME"onClick = "chk()">
</form></body>
</html>
```