

Palindrome Check

Write a javascript function to check whether a word or a sentence is palindrome or not irrespective of case and spaces. Name the HTML file as palin.html.


Give appropriate alerts on click of a **button name is "palinbtn"**. Also provide a **text box named "palin"** which accepts the word / sentence. The screen should be as shown in the snapshot

Examples:

1. LiRiL - The entry is a palindrome.
2. Apple - The entry is not a palindrome.
3. Was it a cat I saw - The entry is a palindrome.

Enter word/sentence to check for palindrome :

Message from webpage

 The entry is a palindrome.

OK

Note : Remove all white spaces from the input given and check for palindrome for the same input ignoring case. Please, do not use let in variable initialization. Instead, use var.

```
palin.html
1 <html>
2 <body>
3     Enter word/sentence to check for palindrome:<input type="text" name="palin"><br>
4     <input type="submit" name="palinbtn" value="Check Palindrome" onclick="check();">
5 </script>
6     document.getElementsByName("palinbtn")[0].onclick=function(){check()};
7     function check(){
8         var string=document.getElementsByName("palin")[0].value;
9         var pall = string.split(" ").join("");
10        var pal = pall.toLowerCase();
11        var i = 0;
12        var j =pal.length-1;
13        var t = true;
14        while(i <= j){
15            if(pal.charAt(i) != pal.charAt(j))
16                t = false;
17            i += 1;
18            j -= 1;
19        }
20        if(t)
21            alert("The entry is a palindrome.");
22        else
23            alert("The entry is not a palindrome.");
24        }
25    </script>
26 </body>
27 </html>
```