

Image

```
4
5 class PalindromeRecursion
6 {
7
8     // A recursive function that
9
10    // check a str(s..e) is
11
12    // palindrome or not.
13
14    static boolean isPalRec(String str,
15                               int s, int e)
16    {
17
18        // If there is only one character
19
20        if (s == e)
21            return true;
22
23
24        // If first and last
25        // characters do not match
26
27        if ((str.charAt(s)) != (str.charAt(e)))
28            return false;
29
30
31        // If there are more than
32        // two characters, check if
33        // middle substring is also
34        // palindrome or not.
35
36        if (s < e + 1)
37            return isPalRec(str, s + 1, e - 1);
38
39
40
41
42
43
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46
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48
49
```

```
51
52     return true;
53
54 }
55
56
57
58 static boolean isPalindrome(String str)
59 {
60
61     int n = str.length();
62
63
64
65
66     // An empty string is
67     // considered as palindrome
68
69     if (n == 0)
70     {
71         return true;
72     }
73
74
75
76     return isPalRec(str, 0, n - 1);
77
78 }
79
80
81
82 // Driver Code
83
84 public static void main(String args[])
85 {
86
87     String str = "geeg";
88
89
90
91
92     if (isPalindrome(str))
93     {
94         System.out.println("Yes");
95     }
96     else
```

```
95  
96     else  
97  
98         System.out.println("No");  
99  
100     }  
101 }  
102 // This code is created by AASHISH //
```



Terminal



Yes

Process finished.

```
1 public class BubbleSort {
2     public static void main(String []args) {
3         String str[] = { "aashish", "arjun", "abhiram",
4         String temp;
5         System.out.println("Strings in sorted order:"
6         for (int j = 0; j < str.length; j++) {
7             for (int i = j + 1; i < str.length; i++)
8                 // comparing adjacent strings
9                 if (str[i].compareTo(str[j]) < 0) {
10                    temp = str[j];
11                    str[j] = str[i];
12                    str[i] = temp;
13                }
14            }
15            System.out.println(str[j]);
16        }
17    }
18 }
19
20 // This code is created by AASHISH //
```

× Terminal



```
Strings in sorted order:
aashish
abhiram
arjun
parnika
samvuktha
```

