

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2Solution 3Solution 4

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 using namespace std;
4
5 // O(n) time | O(1) space
6 bool isPalindrome(string str) {
7     int leftIdx = 0;
8     int rightIdx = str.length() - 1;
9     while (leftIdx < rightIdx) {
10         if (str[leftIdx] != str[rightIdx]) {
11             return false;
12         }
13         leftIdx++;
14         rightIdx--;
15     }
16     return true;
17 }
18
```

Solution 1Solution 2Solution 3

```
1 using namespace std;
2
3 bool isPalindrome(string str) {
4     // Write your code here.
5     return false;
6 }
7
```

Our Tests

```
1 // Test 1: isPalindrome("aba") == true
2 // Test 2: isPalindrome("abca") == false
3 // Test 3: isPalindrome("abba") == true
4 // Test 4: isPalindrome("a") == true
5 // Test 5: isPalindrome("") == true
6 // Test 6: isPalindrome("12321") == true
7 // Test 7: isPalindrome("12345") == false
8 // Test 8: isPalindrome("123456789") == false
9 // Test 9: isPalindrome("1234567890") == false
10 // Test 10: isPalindrome("12345678901") == false
```

Custom Output

Submit Code

Run or submit code when you're ready.