

Error Log

```
1 package Mastery;
2
3 import java.util.Scanner;
4
5 public class Palindrome {
6
7     public static void main(String[] args) {
8         Scanner scanner = new Scanner(System.in);
9
10        // Prompt the user for a string
11        System.out.print("Enter a string to check if it's a palindrome: ");
12        String input = scanner.nextLine();
13
14        // Remove non-alphanumeric characters and convert to lowercase
15        String cleanedInput = input.replaceAll("[^a-zA-Z0-9]", "").toLowerCase();
16
17        // Check if the cleaned input is a palindrome
18        if (isPalindrome(cleanedInput)) {
19            System.out.println "\"" + input + "\" is a palindrome.");
20        } else {
21            System.out.println "\"" + input + "\" is not a palindrome.");
22        }
23
24        scanner.close();
25    }
26
27    // Method to check if a string is a palindrome
28    public static boolean isPalindrome(String str) {
29        int left = 0;
30        int right = str.length() - 1;
31
32        while (left < right) {
33            if (str.charAt(left) != str.charAt(right)) {
34                return false;
35            }
36            left++;
37            right--;
38        }
39        return true;
40    }
41 }
42
```

No errors