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String Palindrome check

 locked

Problem

Submissions

Leaderboard

Discussions

Write a program that determines whether the string is palindrome or not.

Ignore cases (upper/lower case).

A string is a palindrome if it can be read from left and right with the same meaning. Few examples of palindrome are - madAm, anna, Jalaj.

Do this program without use of string related library functions (strlen, strcmp, strcpy, strcat, strncmp, strncpy, strncat)

Input Format

Input will contain a string to be validated whether it is palindrome or not.

e.g. Jalaj

Constraints

0 <= number of characters in the input string <= 100000

Output Format

Output should have only one word. Either true or false. true if input string is palindrome and false if input string is not palindrome.

e.g. true

Sample Input 0

```
Jalaj
```

Sample Output 0

```
true
```

Sample Input 1

```
This Is si siHt
```

Sample Output 1

```
true
```

Sample Input 2

```
This Is sisiHt
```

Sample Output 2

false

Sample Input 3

peeP

Sample Output 3

true

Sample Input 4

PeXp

Sample Output 4

false

Sample Input 5

Vanaj

Sample Output 5

false

Sample Input 6

AmoreRoma

Sample Output 6

true

[!\[\]\(291e070cef6c4d5e78fefe4696ef53be_img.jpg\)](#) [!\[\]\(5a6551557c623b42379c503783a5133a_img.jpg\)](#) [!\[\]\(0a139a7be68cfeffac2e3408109b7d08_img.jpg\)](#)


Submissions: [132](#)


Max Score: 10

Difficulty: Easy

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C

```
1▼ #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6▼ int main() {
7
8▼     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     return 0;
10 }
11
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

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