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Palindrome Numbe...

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Problem List



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9. Palindrome Number

Easy

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Hint

Given an integer `x`, return `true` if `x` is a *palindrome*, and `false` otherwise.

Example 1:

Input: `x = 121`

Output: `true`

Explanation: 121 reads as 121 from left to right and from right to left.

Example 2:

Input: `x = -121`

Output: `false`

Explanation: From left to right, it reads -121. From right to left, it becomes 121-. Therefore it is not a palindrome.

Example 3:

Input: `x = 10`

Output: `false`

Explanation: Reads 01 from right to left. Therefore it is not a palindrome.

Constraints:

- $-2^{31} \leq x \leq 2^{31} - 1$

Follow up: Could you solve it without converting the integer to a string?



Seen this question in a real interview before? 1/5

Yes

No

Accepted 6,886,213 / 11.6M | Acceptance Rate 59.6%

Topics

Companies

Hint 1

Similar Questions

Discussion (609)

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Code

C++ Auto

```
1 class Solution {
2 public:
3     bool isPalindrome(int x) {
4
5     }
6 };
```



Roman to Integer -...

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13. Roman to Integer

Easy Topics Companies Hint

Roman numerals are represented by seven different symbols: I, V, X, L, C, D and M.

| Symbol | Value |
|--------|-------|
| I | 1 |
| V | 5 |
| X | 10 |
| L | 50 |
| C | 100 |
| D | 500 |
| M | 1000 |

For example, 2 is written as II in Roman numeral, just two ones added together. 12 is written as XII, which is simply X + II. The number 27 is written as XXVII, which is XX + V + II.

Roman numerals are usually written largest to smallest from left to right. However, the numeral for four is not IIII. Instead, the number four is written as IV. Because the one is before the five we subtract it making four. The same principle applies to the number nine, which is written as IX. There are six instances where subtraction is used:

- I can be placed before V (5) and X (10) to make 4 and 9.
- X can be placed before L (50) and C (100) to make 40 and 90.
- C can be placed before D (500) and M (1000) to make 400 and 900.

Given a roman numeral, convert it to an integer.

Example 1:

Input: s = "III"
Output: 3
Explanation: III = 3.

Example 2:

Input: s = "LVIII"
Output: 58
Explanation: L = 50, V= 5, III = 3.

Example 3:

Input: s = "MCMXCIV"
Output: 1994
Explanation: M = 1000, CM = 900, XC = 90 and IV = 4.

Constraints:

- 1 <= s.length <= 15
- s contains only the characters ('I', 'V', 'X', 'L', 'C', 'D', 'M').
- It is guaranteed that s is a valid roman numeral in the range [1, 3999].

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Yes No

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- Topics
- Companies
- Hint 1
- Similar Questions
- Discussion (514)

</> Code

C++ Auto

```
1 class Solution {
2 public:
3     int romanToInt(string s) {
4
5     }
6 };
```


Longest Common ...
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Problem List



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Premium

Description Editorial Solutions Submissions

14. Longest Common Prefix

Easy

Topics

Companies

Write a function to find the longest common prefix string amongst an array of strings.

If there is no common prefix, return an empty string `""`.

Example 1:

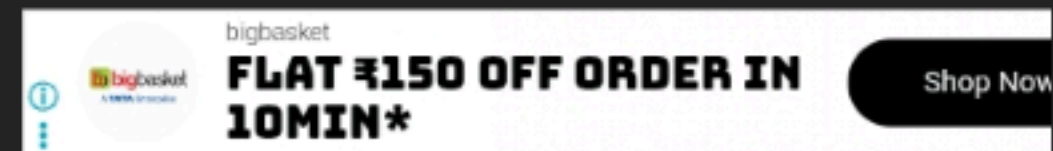
Input: `strs = ["flower","flow","flight"]`
Output: `"fl"`

Example 2:

Input: `strs = ["dog","racecar","car"]`
Output: `""`
Explanation: There is no common prefix among the input strings.

Constraints:

- `1 <= strs.length <= 200`
- `0 <= strs[i].length <= 200`
- `strs[i]` consists of only lowercase English letters if it is non-empty.



Seen this question in a real interview before? 1/5

Yes

No

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Topics

Companies

Similar Questions

Discussion (574)

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C++ Auto

```
1 class Solution {
2 public:
3     string longestCommonPrefix(vector<string>&
4     strs) {
5     }
6 };
```