

Leetcode Problem 1. (Easy)

Palindrome Number

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:

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

Link : <https://leetcode.com/problems/palindrome-number/>

```
class Solution {
public boolean isPalindrome(int x)
{
    if(x < 0 || (x != 0 && x % 10 == 0))
    {
        return false;
    }
    int n = x;
    int rev = 0;
    while(n > 0){
```

```

rev = rev * 10 + n % 10;
n = n / 10;
}
return rev == x;
}
}

```

The screenshot displays the LeetCode interface for the 'Palindrome Number' problem. The left sidebar shows the 'Submissions' tab with a green 'Accepted' status and a 'Next question' button. The main content area shows the problem details, including the user's name 'Sakib Rahman', the date 'Apr 11, 2023 22:45', and the language 'Java'. Performance metrics are shown: Runtime 10 ms, Beats 52.90%, Memory 42.1 MB, and Beats 51.62%. A distribution chart is also visible. The 'Notes' section is empty. The 'Related Tags' section shows '0/5' tags. The 'Console' section shows the code for the 'isPalindrome' function.

Problem 11: Palindrome Number - LeetCode

Accepted

Next question

10. Regular Expression Matching

More challenges

- 234. Palindrome Linked List
- 2217. Find Palindrome With Fixed Length
- 2396. Strictly Palindromic Number

All statuses All languages

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Java

Sakib Rahman Apr 11, 2023 22:45

Java

Runtime 10 ms Beats 52.90% Memory 42.1 MB Beats 51.62%

Click the distribution chart to view more details

Notes

Write your notes here

Related Tags

Select tags 0/5

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        int rev = 0;
        while(n > 0){
            rev = rev * 10 + n % 10;
            n = n / 10;
        }
    }
}

```

Console Run Submit