



The screenshot shows a LeetCode problem page for "Palindrome Number". The top navigation bar includes "Probl...", "Description", "Editorial", "Solutions", "Submissions", and various user and system icons. The main content area has a title "9. Palindrome Number" with a "Solved" status and a green checkmark. Below the title are buttons for "Easy", "Topics", a lock icon, and "Hint". The problem description asks for a boolean return value indicating if a given integer is a palindrome. It provides three examples: 1. Input: x = 121, Output: true, Explanation: 121 reads as 121 from left to right and from right to left. 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. 3. Input: x = 10, Output: false, Explanation: Reads 01 from right to left. Therefore it is not a palindrome. The constraints section is empty. On the right side, there is a "Code" section with a Python3 code template, a "Testcase" section with an input of 121 and an output of true, and an "Expected" section with an output of true. The bottom of the page shows social sharing icons and a "414 Online" status.

9. Palindrome Number

Solved 

   

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:

     

Code

Python3  Auto

```
1 class Solution:
2     def isPalindrome(self, num: int) -> bool:
3         if num < 0:
4             return False
5         rev = 0
6         while num > 0:
7             rem = num % 10
8             num = num // 10
9             rev = rev * 10 + rem
10        if rev == num:
11            return True
12        else:
13            return False
14
15
```

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Testcase | 

x =	121
Output	true
Expected	true