9. Palindrome Number

Easy 6788 2254 Add to List Share

Given an integer `x`, return `true` if `x` is palindrome integer.

An integer is a **palindrome** when it reads the same backward as forward.

- For example, `121` is a palindrome while `123` is not.

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
```

Java Autocomplete

```java
class Solution {
    public boolean isPalindrome(int x) {
        if(x<0)
            return false;

        int k=x,count=0;

        while(k!=0){
            count++;
            k/=10;
        }

        int ar[]=new int[count];
        k=x;
        int index=0;
        while(k!=0){
            ar[index++]=k%10;
            k/=10;
        }

        int left=0,right=count-1;
        while(left<right){
            if(ar[left]!=ar[right])
                return false;

            left++;
            right--;
        }

        return true;
    }
}
```