009. Palindrome Number

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- **to_string()**
- **Math**

Description

Determine whether an integer is a palindrome. Do this without extra space.

1. Thought Line

(1) If the integer is smaller than 0, return false;

(2) use to_string() for converting a integer to a string.

```
1 string str = to_string(int val)
```

(3) Pure math way

2. to_string()

```cpp
 1 class Solution {
 2 public:
 3     bool isPalindrome(int x) {
 4
 5         // detect the sign of input integer
 6         bool postive = (x>=0)?true:false;
 7         if (!postive) return false;
 8
 9         string str= to_string(x);
10         for (int i=0, j = str.size()-1; i<=j; ++i,--j){
11             if (str[i]!=str[j]) return false;
12         }
13         return true;
14     }
15 };
```