



链滴

Reverse Integer

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原文链接: <https://ld246.com/article/1519266959743>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

题目描述

Given a 32-bit signed integer, reverse digits of an integer.

Example 1:

Input: 123
Output: 321

Example 2:

Input: -123
Output: -321

Example 3:

Input: 120
Output: 21

Note:

Assume we are dealing with an environment which could only hold integers within the 32-bit signed integer range. For the purpose of this problem, assume that your function returns 0 when the reversed integer overflows.

翻转整数，如果越界了就返回0。

解题思路

转换成字符串，用long存储检查大小。

代码

```
class Solution {  
    public int reverse(int x) {  
        String tmp = String.valueOf(x);  
        long ret = 0;  
        for (int i = tmp.length()-1; i >= 0; i--) {  
            if (i == 0 && tmp.charAt(i) == '-') {  
                ret *= -1;  
            } else if (i == 0 && tmp.charAt(i) == '+') {  
                break;  
            } else if (tmp.charAt(i) >= '0' && tmp.charAt(i) <= '9') {  
                ret *= 10;  
                ret = ret + tmp.charAt(i) - '0';  
            } else {  
                return 0;  
            }  
        }  
    }  
}
```

```
if (ret > Integer.MAX_VALUE || ret < Integer.MIN_VALUE)
    return 0;
return (int)ret;
}
```