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Problem

7. Reverse Integer(Easy)

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 store integers within the 32-bit signed integer range: $[-2^{31}, 2^{31} - 1]$. For the purpose of this problem, assume that your function returns 0 when the reversed integer overflows.

Solution

这道题本身很简单, 需要注意的是用**取余**得到数字的最后一位和溢出的处理

[GitHub传送门](#)

```
class Solution
{
public:
    int reverse(int x)
    {
        long result = 0;
        while (x!= 0)
        {
            result *= 10;
            result += x % 10;
            x = x / 10;
        }
        if (result > INT32_MAX || result < INT32_MIN)
            return 0;
        return result;
    }
};
```