Description Solution Discuss (999+) Submissions

7. Reverse Integer

Medium 10079 11826 Add to List Share

Given a signed 32-bit integer `x`, return `x` *with its digits reversed.* If reversing `x` causes the value to go outside the signed 32-bit integer range $[-2^{31}, 2^{31} - 1]$, then return `0`.

Assume the environment does not allow you to store 64-bit integers (signed or unsigned).

Example 1:

```
Input: x = 123
Output: 321
```

Example 2:

```
Input: x = -123
Output: -321
```

Example 3:

```
Input: x = 120
Output: 21
```

Constraints:

- $-2^{31} <= x <= 2^{31} - 1$

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```
class Solution {
public:
    int reverse(int x) {

    }
};
```

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