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7. Reverse Integer

Solved

Medium Topics

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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Code

Python3 Auto

```
1  class Solution:
2      def reverse(se
3          INT_MAX =
4          INT_MIN =
5          sign = 1
6          num = x
7          if num < 0
8              sign =
9          num = abs(
10         rev = 0
11         while num
12             rem =
13             num //
14 # overflow check B
15             if rev
   rem>7 ):
16                 re
17
18             rev =
19
20         return sig
```

Saved

Testcase | Test Result

Accepted Runtime: 41

Case 1 Case

Input

x =
123