**7. Reverse Integer**

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 [-231, 231 - 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:**

* -231 <= x <= 231 - 1