

400. Nth Digit

Description

Given an integer n , return the n^{th} digit of the infinite integer sequence `[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, ...]`.

Example 1:

Input: $n = 3$

Output: 3

Example 2:

Input: $n = 11$

Output: 0

Explanation: The 11th digit of the sequence 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, ... is a 0, which is part of the number 10.

Constraints:

- $1 \leq n \leq 2^{31} - 1$

