

# 357. Count Numbers with Unique Digits

## Difficulty : Medium

<https://leetcode.com/problems/count-numbers-with-unique-digits>

Given an integer  $n$ , return the count of all numbers with unique digits,  $x$ , where  $0 \leq x < 10^n$ .

### Example 1:

**Input:**  $n = 2$

**Output:** 91

**Explanation:** The answer should be the total numbers in the range of  $0 \leq x < 100$ , excluding 11,22,33,44,55,66,77,88,99

### Example 2:

**Input:**  $n = 0$

**Output:** 1

### Constraints:

- $0 \leq n \leq 8$