2457. Count Special Integers

Difficulty : Hard

https://leetcode.com/problems/count-special-integers

We call a positive integer **special** if all of its digits are **distinct**.

Given a **positive** integer `n`, return *the number of special integers that belong to the interval* `[1, n]`.

Example 1:

```
Input: n = 20
Output: 19
Explanation: All the integers from 1 to 20, except 11, are special. Thus, there are 19 special integers.
```

Example 2:

```
Input: n = 5
Output: 5
Explanation: All the integers from 1 to 5 are special.
```

Example 3:

```
Input: n = 135
Output: 110
Explanation: There are 110 integers from 1 to 135 that are special.
Some of the integers that are not special are: 22, 114, and 131.
```

Constraints:

- `1 <= n <= 2 * 10^9`