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Solution

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967. Numbers With Same Consecutive Differences

Medium

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Return all **non-negative** integers of length n such that the absolute difference between every two consecutive digits is k .

Note that **every** number in the answer **must not** have leading zeros. For example, 01 has one leading zero and is invalid.

You may return the answer in **any order**.

Example 1:

Input: $n = 3, k = 7$

Output: $[181, 292, 707, 818, 929]$

Explanation: Note that 070 is not a valid number, because it has leading zeroes.

Example 2:

Input: $n = 2, k = 1$

Output: $[10, 12, 21, 23, 32, 34, 43, 45, 54, 56, 65, 67, 76, 78, 87, 89, 98]$

Constraints:

- $2 \leq n \leq 9$
- $0 \leq k \leq 9$

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class Solution {

public int[] numsSameConsecDiff(int n, int k) {

}

}

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Problems

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Console

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https://leetcode.com/problems/numbers-with-same-consecutive-differences/

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