

967. Numbers With Same Consecutive Differences

Description

Given two integers n and k , return *an array of all the integers of length n where the difference between every two consecutive digits is k* . You may return the answer in **any order**.

Note that the integers should not have leading zeros. Integers as `02` and `043` are not allowed.

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:

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

