Given three integers, k, digit1, and digit2, you want to find the **smallest** integer that is:

* **Larger** than k,
* A **multiple** of k, and
* Comprised of **only** the digits digit1 and/or digit2.

Return *the****smallest****such integer. If no such integer exists or the integer exceeds the limit of a signed 32-bit integer (*231 - 1*), return*-1.

**Example 1:**

**Input:** k = 2, digit1 = 0, digit2 = 2

**Output:** 20

**Explanation:**

20 is the first integer larger than 2, a multiple of 2, and comprised of only the digits 0 and/or 2.

**Example 2:**

**Input:** k = 3, digit1 = 4, digit2 = 2

**Output:** 24

**Explanation:**

24 is the first integer larger than 3, a multiple of 3, and comprised of only the digits 4 and/or 2.

**Example 3:**

**Input:** k = 2, digit1 = 0, digit2 = 0

**Output:** -1

**Explanation:**

No integer meets the requirements so return -1.

**Constraints:**

* 1 <= k <= 1000
* 0 <= digit1 <= 9
* 0 <= digit2 <= 9