You are given an array of non-negative integers nums and an integer k. In one operation, you may choose **any** element from nums and **increment** it by 1.

Return*the****maximum******product****of*nums*after****at most***k*operations.*Since the answer may be very large, return it **modulo** 109 + 7.

**Example 1:**

**Input:** nums = [0,4], k = 5

**Output:** 20

**Explanation:** Increment the first number 5 times.

Now nums = [5, 4], with a product of 5 \* 4 = 20.

It can be shown that 20 is maximum product possible, so we return 20.

Note that there may be other ways to increment nums to have the maximum product.

**Example 2:**

**Input:** nums = [6,3,3,2], k = 2

**Output:** 216

**Explanation:** Increment the second number 1 time and increment the fourth number 1 time.

Now nums = [6, 4, 3, 3], with a product of 6 \* 4 \* 3 \* 3 = 216.

It can be shown that 216 is maximum product possible, so we return 216.

Note that there may be other ways to increment nums to have the maximum product.

**Constraints:**

* 1 <= nums.length, k <= 105
* 0 <= nums[i] <= 106