Problem Link:

<https://leetcode.com/problems/final-array-state-after-k-multiplication-operations-i/?envType=daily-question&envId=2025-03-15>

Solution:

class Solution {

public:

vector<int> getFinalState(vector<int>& nums, int k, int multiplier) {

if (k == 0)

return nums;

for(int i = 0; i < k; ++i)

{

int m = 0;

for(int j = 1; j < nums.size(); ++j)

{

if(nums[j] < nums[m])

{

m = j;

}

}

nums[m] \*= multiplier;

}

return nums;

}

};