2656. Maximum Sum With Exactly K Elements

DEMAND

You are given a 0-indexed integer array nums and an integer k. your task is to perform the following operation exactly k times in order to maximize your score: select an element m from nums. Remove the selected element m from the array. Add a new element with a value of m+1 to the array. Increase your score by m. return the maximum score you can achieve after performing the operation exactly k times.

CODE

class Solution {

public:

int maximizeSum(vector<int>& nums, int k) {

int l=nums.size();

int t=nums[0];

for(int a=1;a<l;a++){

(t>nums[a]?:t=nums[a]);

}

t=t\*k+k\*(k-1)/2;

return t;

}

};

ANALYSIS

Runtime 47ms(beats 70.93%), Memory 70.8mb(beats 14.61%)