2644. Find the Maximum Divisibility Score

DEMAND

You are given two 0-indexed integer arrays nums and divisors. The divisibility score of divisors[i] os the number of indices j such that nums[j] is divisible by divisors[i]. return the integer divisors[i] with the maximum divisibility score. If there is more than one integer with the maximum score, return the minimum of them.

CODE

class Solution {

public:

int maxDivScore(vector<int>& nums, vector<int>& divisors) {

int count=0;

int temp=0;

int flag=0;

for(int b=0;b<divisors.size();b++){

int countemp=0;

for(int a=0;a<nums.size();a++){

if(nums[a]%divisors[b]==0){countemp=countemp+1;}

}

if(count<countemp){

count=countemp;

flag=b;

}

else if(count==countemp){

flag=divisors[b]<divisors[flag]?b:flag;

}

}

return divisors[flag];

}

};

ANALYSIS

Runtime 1277ms(beats 7.67%), memory 29.5mb(beats 67.30%)