Aggressive Cows | Practice | Ge

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Output Window

Compilation Results | Custom Input | Y.O.G.I. (AI Bot)

Problem Solved Successfully

Suggest Feedback

Test Cases Passed

1111 / 1111

Attempts : Correct / Total

1 / 1

Accuracy : 100%

Points Scored

4 / 4

Your Total Score: 40

Time Taken

0.52

Solve Next

Median in a row-wise sorted Matrix

Minimize number of Students to be removed

Carpet into Box

C++ (17)

Start Timer

```cpp
class Solution {
  public:
  bool ispos(vector<int>&stalls,int k, int maxposi){
      int c=1, lastposi=stalls[0];
    for(int i=1;i<stalls.size();i++){
      if((stalls[i]-lastposi)>=maxposi){
          c++;
        lastposi=stalls[i];
      }
      if(c==k){
          return true;
      }
    }
    return false;
  }
    int aggressiveCows(vector<int> &stalls, int k) {
        // code here
        sort(stalls.begin(),stalls.end());
        int l=1,r=stalls[stalls.size()-1]-stalls[0],ans=0;
        while(l<=r){
            int mid=l+(r-l)/2;
        if(ispos(stalls,k,mid)){
            ans=mid;
            l=mid+1;
        }
        else{
            r=mid-1;
        }
        }
        return ans;
    }
};
```

Custom Input | Compile & Run | Submit