Experiment - 8

Student Name: Anshuman Singh	**UID:** 20BCS2665
Branch: CSE	**Section/Group:** 20BCS-DM-902/(A)
Semester: 6th	**Subject Code:** 20CSP-351

Aim: Can Place Flower Using

Question :

You have a long flowerbed in which some of the plots are planted, and some are not. However, flowers cannot be planted in adjacent plots.
Given an integer array flowerbed containing 0's and 1's, where 0 means empty and 1 means not empty, and an integer n, return true if n new flowers can be planted in the flowerbed without violaAng the no-adjacenClowers rule and false otherwise.

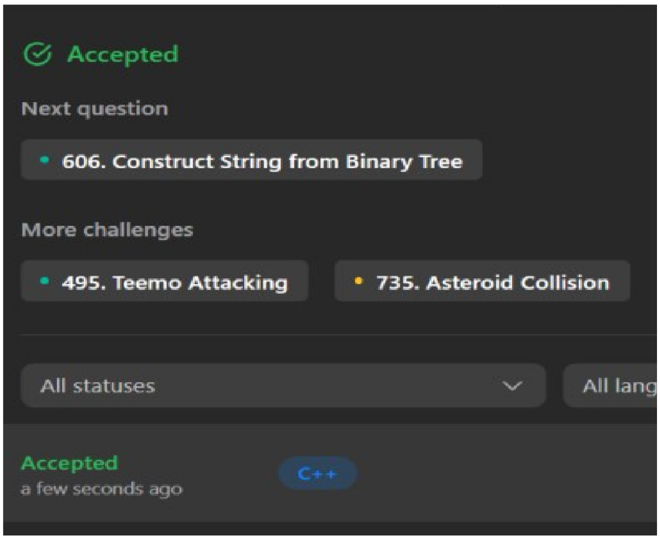
CODE:

```
class Solution { public:

    bool canPlaceFlowers(vector<int>& fd, int n) {
int pre =1;
        for(int i =0; i<fd.size();i++) {
if(pre == 1 && fd[i]==0){
                if(i+1<fd.size() && fd[i+1] == 0){   pre =0;           n--;
}
else if(i+1==fd.size()){  pre =0;  n--;
}           } else if(fd[i]==0) pre=1;           else pre =0;
        }        return n<=0;
    }

};
```

OUTPUT:



Accepted

Next question

606. Construct String from Binary Tree

More challenges

495. Teemo Attacking

735. Asteroid Collision

All statuses

All lang

Accepted
a few seconds ago

C++

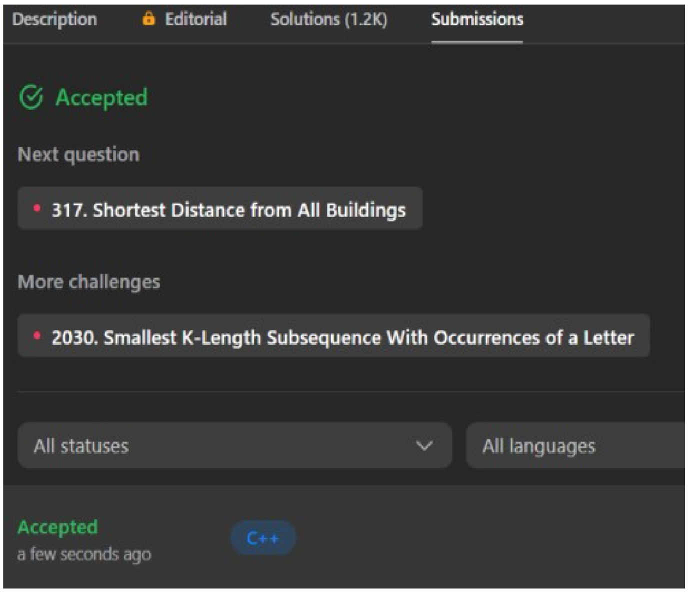
Aim:Remove Duplicate Le0ers

Given a string s, remove duplicate leUers so that every leUer appears once and only once. You must make sure your result is the smallest in lexicographical order among all possible results.

CODE:

```
 class Solution { public:'
string removeDuplicateLetters(string s) {
vector<int> v(26,0), vis(26,0);         for(const
auto& it:s){   v[it-'a']++;
}
 string res="";
       for(const auto& it:s){
v[it-'a']--;              if(!vis[it-'a']){
          while(res.size() > 0 && res.back() > it && v[res.back()-'a'] >0){
vis[res.back()-'a']=0;                      res.pop_back();
               }
                res+=it;
         vis[it-'a']=1;
           }
       }
return res;
}
};
```

OUTPUT:



Accepted

Next question

317. Shortest Distance from All Buildings

More challenges

2030. Smallest K-Length Subsequence With Occurrences of a Letter

Accepted
a few seconds ago