



Experiment 3.1

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Semester: 6TH

Subject Name: Competitive Coding

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Ques 1: Candy Code :

```
class Solution { public int candy(int[] ratings) {  
    int[] res = new int[ratings.length]; Arrays.fill(res,  
    1);  
  
        for(int i = 1;i < ratings.length;i++){  
            if(ratings[i] > ratings[i-  
            1]){ res[i] = res[i-1] + 1;  
                }  
            }  
        for(int i = ratings.length-2;i  
        >= 0;i--){ if(ratings[i] >  
        ratings[i+1]){ res[i] =  
        Math.max(res[i], res[i+1]+1);  
            } } int  
            sum = 0;  
  
            for(int i = 0;i <  
            res.length;i++){ sum += res[i];  
                }  
        return sum;  
    }  
}
```

Output:



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Testcase

Result

Accepted Runtime: 0 ms

• Case 1

• Case 2

Input

ratings =
[1,0,2]

Output

5

Console ▾

Run

Submit



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Code:

```
class Solution {  
  
    public boolean canPlaceFlowers(int[] flowerbed, int n) { if(n == 0) return  
        true; int i = 0;  
        while(i < flowerbed.length){ if(flowerbed[i]  
            == 0){  
  
                if((i == 0 || flowerbed[i-1] == 0) && (i == flowerbed.length-1 ||  
                    flowerbed[i+1] == 0)){ flowerbed[i] = 1; i += 2;  
n--;  
            } else { i++;  
  
                }  
            } else { i += 2; } if(n == 0)  
                return true;  
            } return false;  
        }  
    }  
}
```

Output:

Testcase

Result

Accepted Runtime: 7 ms

• Case 1

• Case 2

• Case 3

Input

prices =
[7,1,5,3,6,4]

Output

7

Console ▾

Run Submit