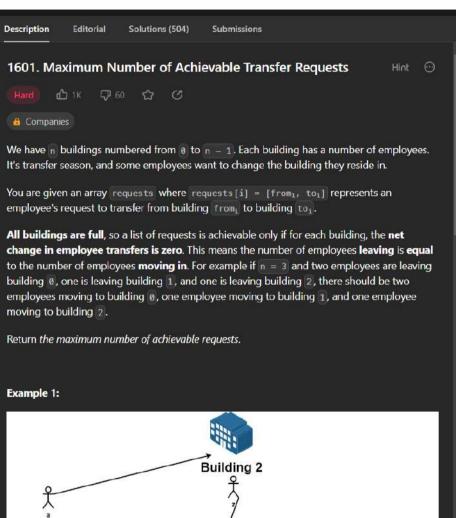
Description Solutions (376) Submissions 2670. Find the Distinct Difference Array △ 190 ♀ 13 ☆ ♂ Companies You are given a **0-indexed** array nums of length n. The distinct difference array of nums is an array diff of length n such that diff[i] is equal to the number of distinct elements in the suffix nums [i + 1, ..., n - 1] subtracted from the number of distinct elements in the prefix nums [0, ..., 1]. Return the distinct difference array of nums. Note that nums [i, ..., j] denotes the subarray of nums starting at index i and ending at index i inclusive. Particularly, if i > i then nums [i, ..., i] denotes an empty subarray. Example 1: **Input:** nums = [1,2,3,4,5]Output: [-3,-1,1,3,5] **Explanation:** For index i = 0, there is 1 element in the prefix and 4 distinct elements in the suffix. Thus, diff[0] = 1 - 4 = -3. For index i = 1, there are 2 distinct elements in the prefix and 3 distinct elements in the suffix. Thus, diff[1] = 2 - 3 = -1. For index i = 2, there are 3 distinct elements in the prefix and 2 distinct elements in the suffix. Thus, diff[2] = 3 - 2 = 1. For index i = 3, there are 4 distinct elements in the prefix and 1 distinct element in the suffix. Thus, diff[3] = 4 - 1 = 3. For index i = 4, there are 5 distinct elements in the prefix and no elements in the suffix. Thus, diff[4] = 5 - 0 = 5. Example 2: **Input:** nums = [3,2,3,4,2]

Evaluation: For index i - A there is 1 element in the profix and

Output: [-2, -1, 0, 2, 3]

```
i Java V - Auto
  1 class Solution {
         public int[] distinctDifferenceArray(int[] nums) {
             int a[]=new int[51];
             int len=nums.length;
             int res[]=new int[len];
             for(int i:nums)
                 a[i]++;
             int b[]=new int[51];
             for(int i=0;i<len;i++)
                 b[nums[i]]++;
                 a[nums[i]]--;
                  int count=0, count1=0;
                  for(int j=1;j<=50;j++)
                      if(a[j]>0)
                          count++;
Testcase
         Result
Accepted Runtime: 0 ms
  Case 1
              · Case 2
Input
  [1,2,3,4,5]
Output
  [-3, -1, 1, 3, 5]
Expected
Console Y
                                                                                             Run
                                                                                                       Submit
```



Building 1

Building 3

```
i Java v = Auto
    class Solution {
         public int maximumRequests(int n, int[][] req) {
             for (int k = req.length; k > 0; k--) {
                 List<List<Integer>> combinations = generateCombinations(req.length, k);
                 for (List<Integer> c : combinations) {
                     int[] degree = new int[n];
                     for (int i : c) {
                         degree[req[i][0]]--;
                         degree[req[i][1]]++;
                     if (allZeroes(degree)) {
                         return k;
             return 0;
         private List<List<Integer>> generateCombinations(int n, int k) {
Testcase
         Result
Accepted Runtime: 0 ms
  Case 1
              · Case 2
                          • Case 3
Input
  5
  [[0,1],[1,0],[0,1],[1,2],[2,0],[3,4]]
Output
                                                                                                     Submit
Console Y
                                                                                           Run
```