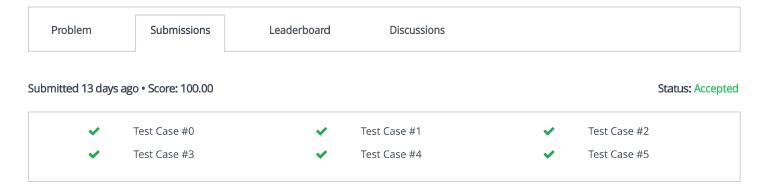
Urutan Peserta



Submitted Code

```
Language: Python 3
                                                                                               P Open in editor
1 def merge_sort(arr):
       if len(arr) <= 1:</pre>
2
3
           return arr, 0
      mid = len(arr) // 2
4
5
       left, inv_left = merge_sort(arr[:mid])
6
       right, inv_right = merge_sort(arr[mid:])
7
       merged, count = merge(left, right)
8
       count += inv_left + inv_right
9
       return merged, count
10
11 def merge(left, right):
12
       result = []
13
       i = j = inversions = 0
      while i < len(left) and j < len(right):
14
15
           if left[i] <= right[j]:</pre>
               result.append(left[i])
16
17
               i += 1
18
           else:
19
               result.append(right[j])
20
               j += 1
21
               inversions += len(left) - i
       result += left[i:]
22
23
       result += right[j:]
24
       return result, inversions
26 n = int(input())
27 arr = list(map(int, input().split()))
28
29 sorted_arr, inversions = merge_sort(arr)
30
31 print(*sorted_arr)
32 print(inversions)
```

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