

(reference\_screenshots/count\_no\_of\_smaller\_element)

## Approach 1

Explanation and complexity in reference\_screenshots

```
In [8]: def count_smaller(arr,n):  
        for i in range(n):  
            count = 0  
            for j in range(i+1,n):  
                if arr[i]> arr[j]:  
                    count+=1  
            print(count,end=" ")
```

```
In [9]: arr = [10,0,4,5,7,1,3,2]  
        n = 8  
        count_smaller(arr,n)  
        # ans  
        # 7 0 3 3 3 0 1 0
```

7 0 3 3 3 0 1 0

## Approach 2

Explanation and complexity in reference\_screenshots

```
In [10]: #TODO Implementation uses AVL tree. so lets do it later
```

```
In [ ]:
```