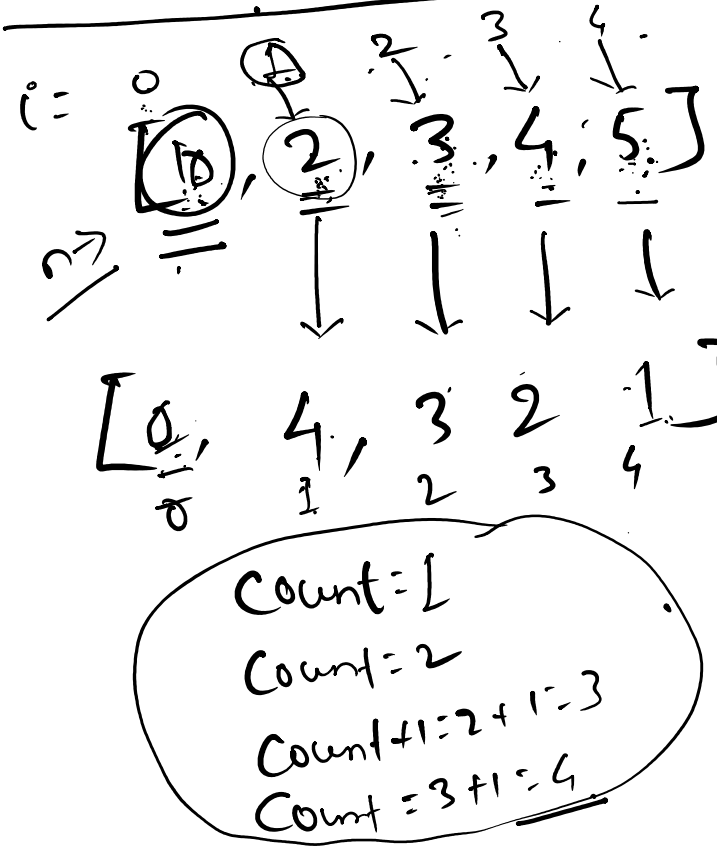
07 November 2024 20:39

Greater than me




```
int arr2[] = new int[n];
int count=0;
for(int i=0; i<n; i++){
    count=0;
    for(int j=0; j<n; j++){
        if(arr[j]>arr[i]
            Count++;
    }
    arr2[i]=count;
}
}
```

```java
public static void main(String[] args) {
    /* Enter your code here. Read input from STDIN. Print output
    Scanner sc = new Scanner(System.in);
    int n = sc.nextInt();
    int arr[] = new int[n];
    for(int i=0;i<n;i++){
        arr[i]= sc.nextInt();
    }
    int arr2[] = new int[n];
    int count=0;
    for(int i=0;i<n;i++){
        count=0;
        for(int j=0;j<n;j++){
            if(arr[j]>arr[i]){
                count++;
            }
        }
        arr2[i]=count;
    }


    for(int i=0;i<n;i++){
        System.out.print(arr2[i]+" ");
    }
}
```

maximum difference between the two elements

7

2 3 10 6 4 8 1

2 3 = 1.
2 10 = 8.
2 6 = 4.
2 4 = 2.
2 8 = 6.
2 1 = -1.

max = arr[0].

3 10 → 7.
3 6 → 3.
3 4 → 1.
3 8 → 5.
3 1 → -2.

10 6 = 4
10 4 = 6
10 8 = 2
10 1 = -9

6 4 → -2
6 8 → 2
6 1 → -5

4 8 → 4
4 1 → -3
8 1 → -7

```
int max = Integer.MIN_VALUE;
for(int i=0;i<n;i++){
    for(int j=i+1; j<n;j++){
        int diff = arr[j]-arr[i];
        if(diff > max){
            max = diff;
```