

```
public static void Sort(int[] arr) {  
    for (int trurn = 1; trurn < arr.length; trurn++) {  
        for (int i = 0; i < arr.length-trurn ; i++) {  
            if(arr[i]>arr[i+1]) {  
                int temp=arr[i];  
                arr[i]=arr[i+1];  
                arr[i+1]=temp;  
            }  
        }  
    }  
}
```

[4,5,3,2,1] ① 4 3 2 1 5
[2] 4 3 2 1 5
[1] 4 3 2 1 5
[0] 4 3 2 1 5
[2] 4 3 2 1 5
[1] 4 3 2 1 5
[0] 4 3 2 1 5

this - other > 0

```
public static <T extends Comparable<T>> void Sort(T[] arr) {  
    for (int trurn = 1; trurn < arr.length; trurn++) {  
        for (int i = 0; i < arr.length - trurn; i++) {  
            if (arr[i].compareTo(arr[i + 1]) > 0) {  
                T temp = arr[i];  
                arr[i] = arr[i + 1];  
                arr[i + 1] = temp;  
            }  
        }  
    }  
}
```

Small value ↑
big value ↓

Rank move
other - this

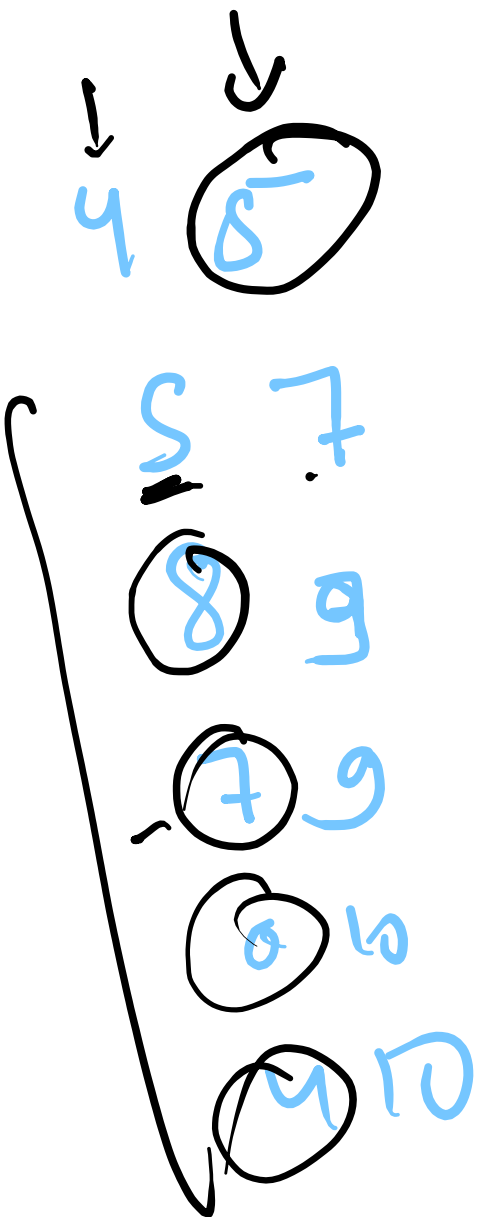
this - other
10 - 20 = -10

```
arr[0] = new Cars(200, 10, "White");// P S C  
arr[1] = new Cars(1000, 20, "Black");  
arr[2] = new Cars(345, 3, "Yellow");  
arr[3] = new Cars(34, 89, "Grey");  
arr[4] = new Cars(8907, 6, "Red");
```

```
public int compareTo(Cars o) {  
    // TODO Auto-generated method stub  
}
```

200 > 1000

6
7 9
0 10
4 5
8 9
4 10
5 7



```
Arrays.sort(arr, new Comparator<Pair>() {  
    @Override  
    public int compare(Pair o1, Pair o2) {  
        return o1.et - o2.et;  
    }  
});  
int activitie = 0;  
int end = arr[0].et;  
for (int i = 1; i < arr.length; i++) {  
    if (arr[i].st >= end) {  
        activitie++;  
        end = arr[i].et;  
    }  
}  
System.out.println(activitie);
```

end = 5
7
9