Bubble Sort & Selection Sort

Bubble Sort

· time complexity

```
Worst = O(n^2)Best = Omega(n)Average =
```

- in-place vs not-in-place
 - o in-place
- stable vs unstable
 - o stable
 - [2, 2, 1] 오름차순 정렬시 stable

Selection Sort

time complexity

```
 Worst = O(n^2)
 Best = O(n^2)
 Average O(n^2)
```

- in-place vs not-in-place
 - in-place
- stable vs unstable
 - unstable
 - [2, 2, 1] 오름차순 정렬시 stable 깨짐

```
public class MySelectionSort {
public static void sort(int[] arr){
  for(int i=0;i<arr.length-1;i++){
     int maxIdx=i;
     for(int j=i;j<arr.length;j++){
         if(arr[maxIdx]<arr[j]){</pre>
```