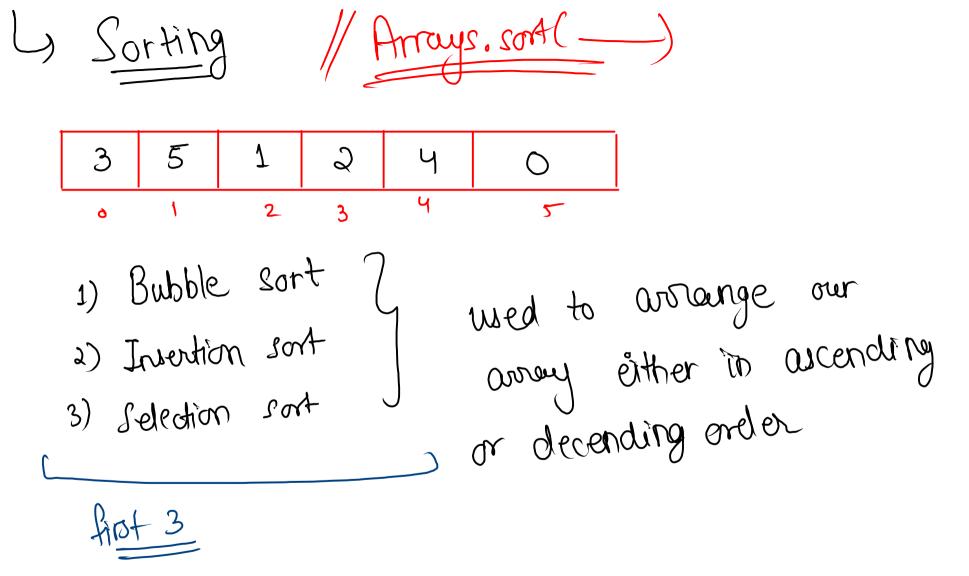
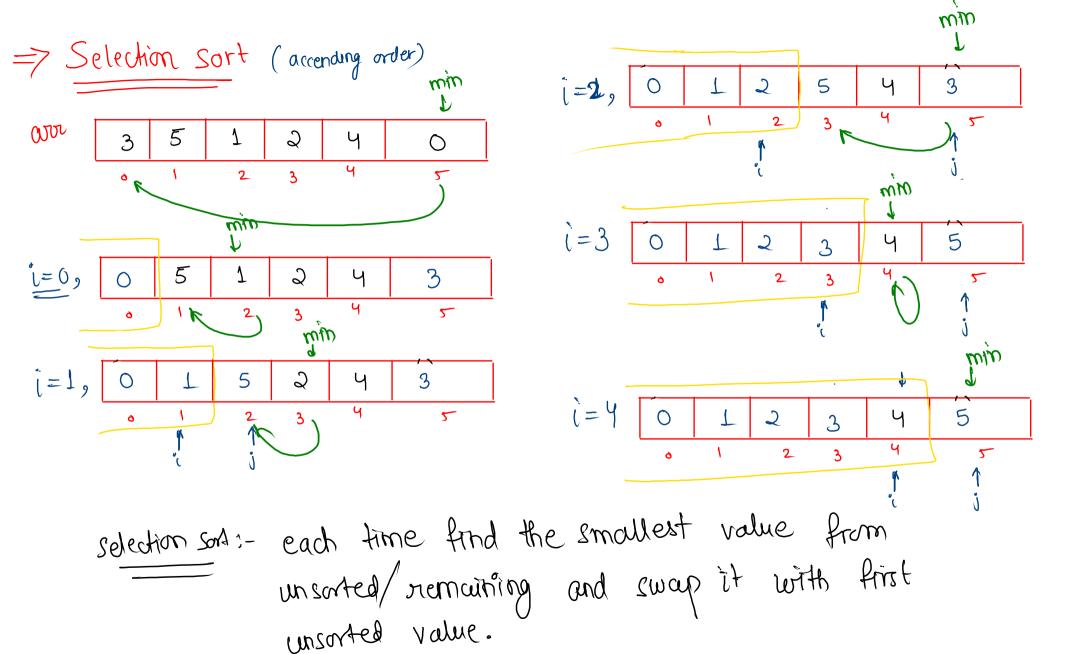
```
Arrays.sort(avor);
Arrays. sort (wor); // O(n Jogn)
                                    ч
                             3
                                            2
 public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
                                            \approx O(\nu \log(\nu))
    int[] arr = new int[n];
    for (int i = 0; i < n; i++) {
        arr[i] = scn.nextInt();
    boolean ans = solve(arr, n);
    System.out.println(ans);
 public static boolean solve(int[] arr, int n) {
 → Arrays.sort(arr);
   → for (int i = 0; i < n - 1; i++) {</pre>
                                            (n^3 > n^2 > n \log n > n > \log (n) > 1
        if ( arr[i] == arr[i + 1] ) {
           return true;
    return false;
```

Max Count 3 5 1 2 4 2 2 3 3 4 5 max = 8 x Arrays. sort (ovr); if our [i] == our [iH] Count ++; count of one, max





selection sont

```
oublic static void main(String[] args) {
   int[] arr = { 3, 5, 1, 2, 4, 0 };
   int n = arr.length;
   for (int i = 0; i < n - 1; i++) {
       int mini = i;
       for (int j = i + 1; j < n; j++) {
           if ( arr[j] < arr[mini] ) {</pre>
               mini = j;
       swap( arr, i, mini );
   for (int i = 0; i < n; i++) {
       System.out.println(arr[i]);
public static void swap(int[] arr, int x, int y) {
   int temp = arr[x];
   arr[x] = arr[y];
   arr[y] = temp;
```

$$T.C = O(n^2)$$

$$S.C = O(1)$$