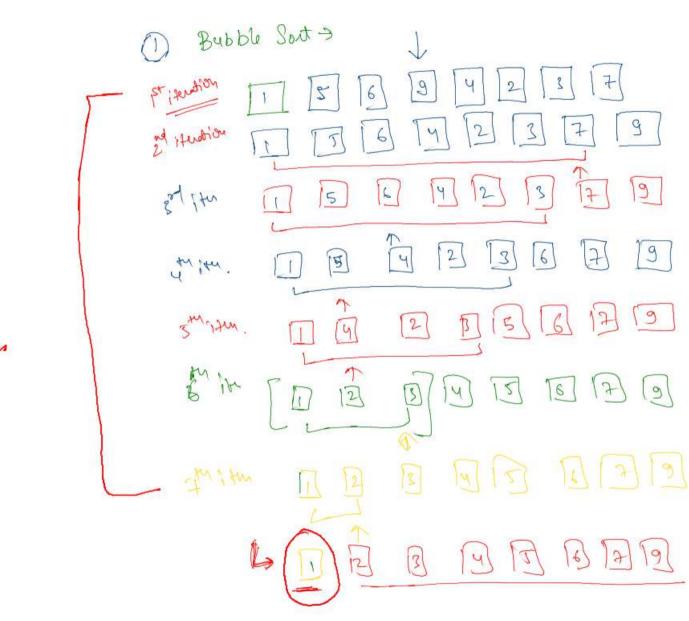
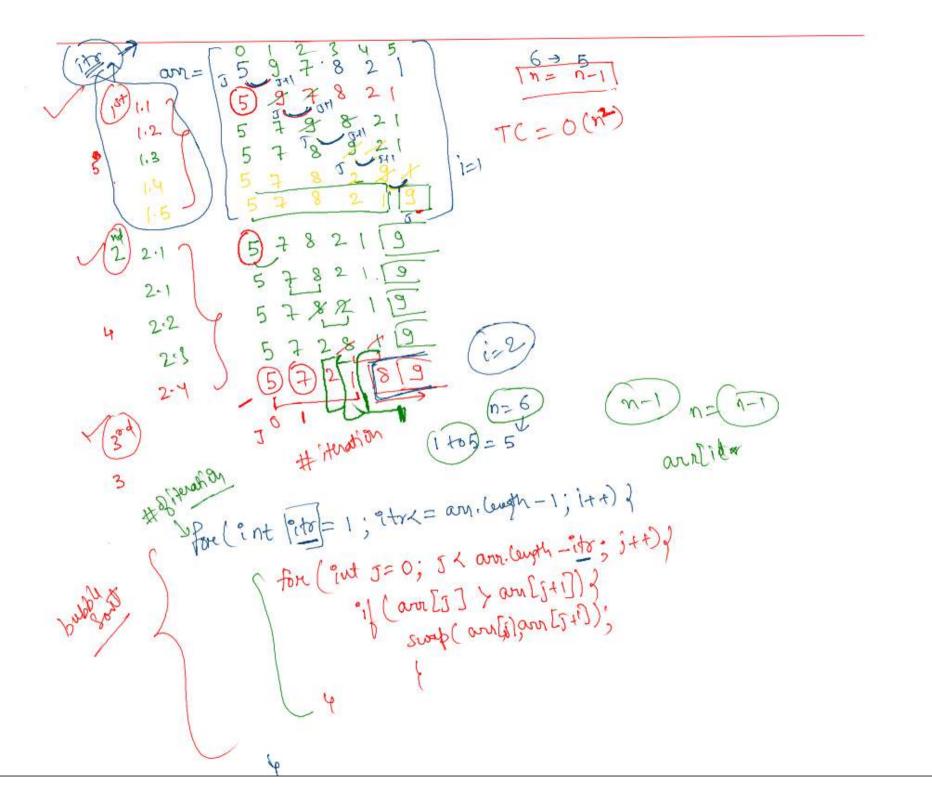
Assaugement of elements in a particular order either increasing or decreasing. 0h) > 0(logn) Uses V - Data stoned in Standard formet So, wax of min -> Searching of element will be easy L.S. 2 3 4 5 6 (2) 8 9 3 Town 83 23 4 D 6 289 o(regar) 4 6 Insut/on Sout Important Lo quick sont 4 Date Sout 4 Parity Sut 4 heap test (vac air) 4 Court Soyet Ly Rycket Sort 4 Radia Sut



5 Jens Folunt



Selection Sort (=0 an 121

i > to hold win value

i > to hold swap

possion

J>i trat to arrays

fo find win

```
/* Enter your code nere. kead input from SIDIN. Print output to S
Scanner scn = new Scanner(System.in); \gamma
int n = scn.nextInt();
int[] arr = new int[n];
for(int i=0;i<n;i++){
    arr[i]= scn.nextInt();
//algorithm
for(int i=0;i<arr.length;i++){</pre>
    int mi = i;
   for(int j=i;j<arr.length;j++){
        if(arr[mi]>arr[j]){
            mi=j;
    int temp = arr[mi]; 
    arr[mi]=arr[i];
    arr[i]=temp;
                                                                       m
for(int i =0;i<arr.length;i++){
    System.out.print(arr[i]+" ");
                                                     9
```

}

