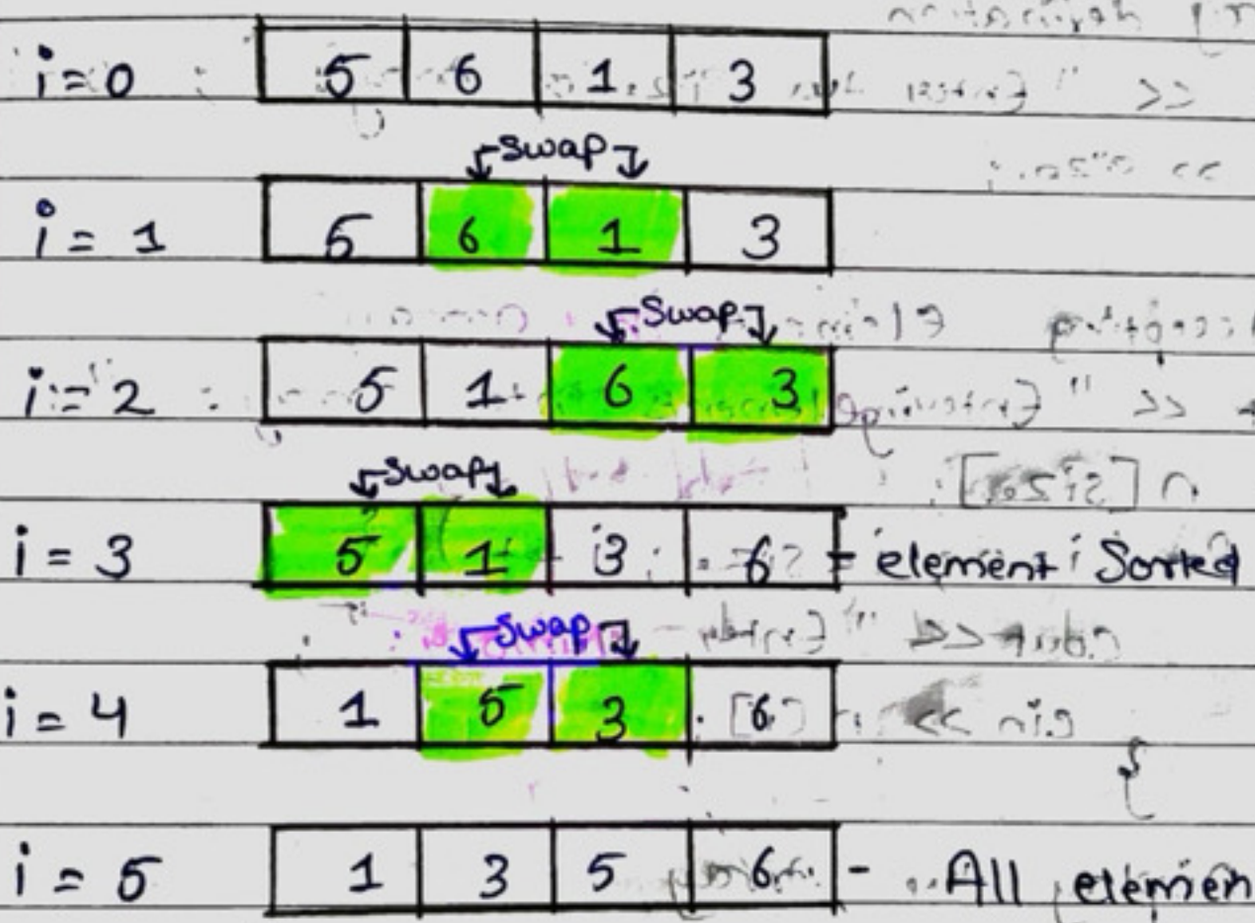
Bubble Sort

- It is the simplest sorting technique that works by swapping repeatedly adjacent values if they are in wrong order
- Not suitable for large datasets as Average & Worst case time complexity is High.

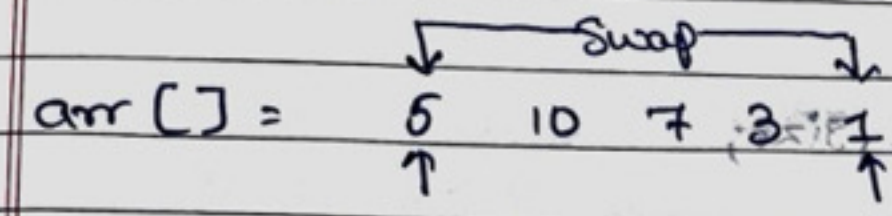
Bubble Sort : Working

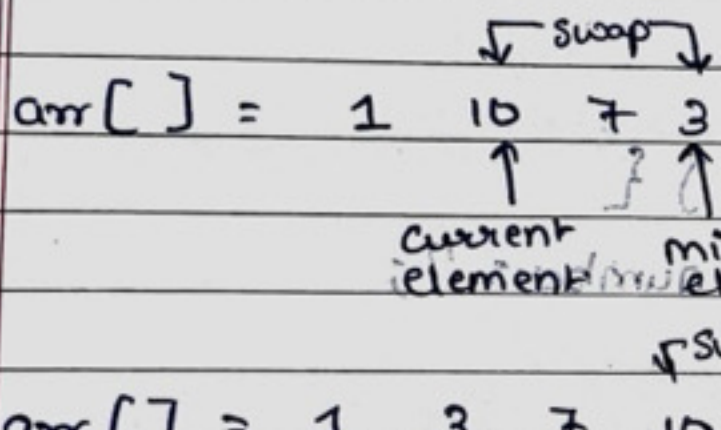


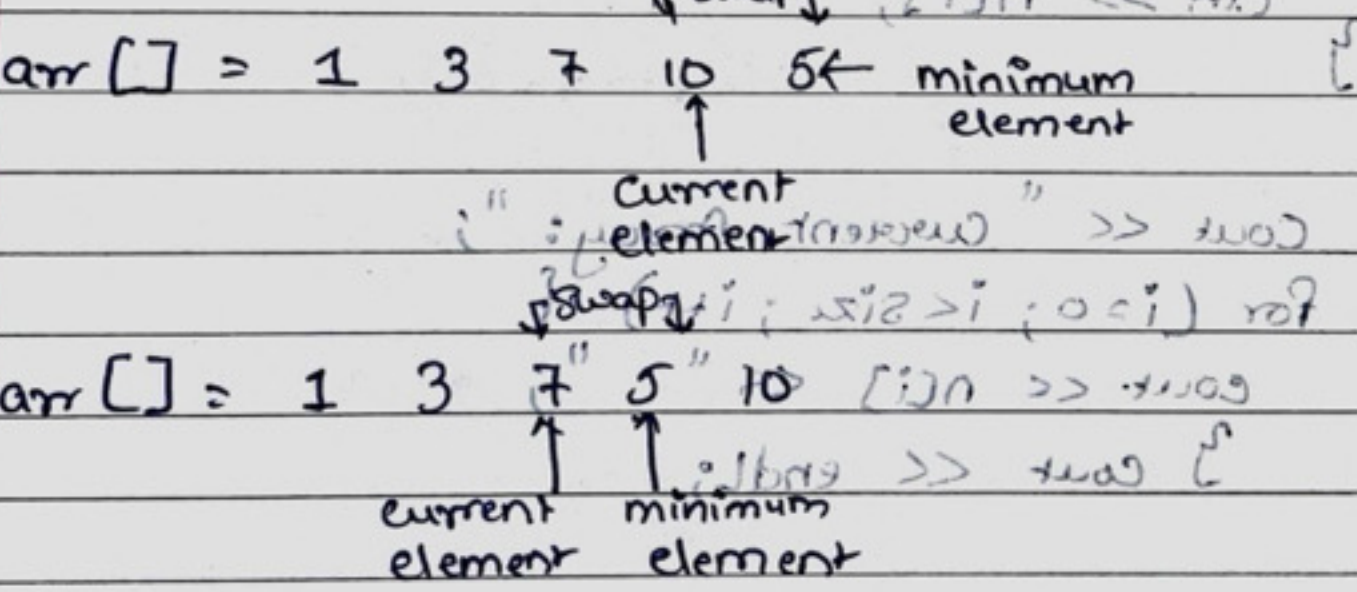
☆ Selection Sort ☆

- It is an Comparision Based Sorting Algorithm

It Sorts an array by repeatatively Selecting the Smallest or largest element from the unsorted portion & Swapping it with first unsorted element.





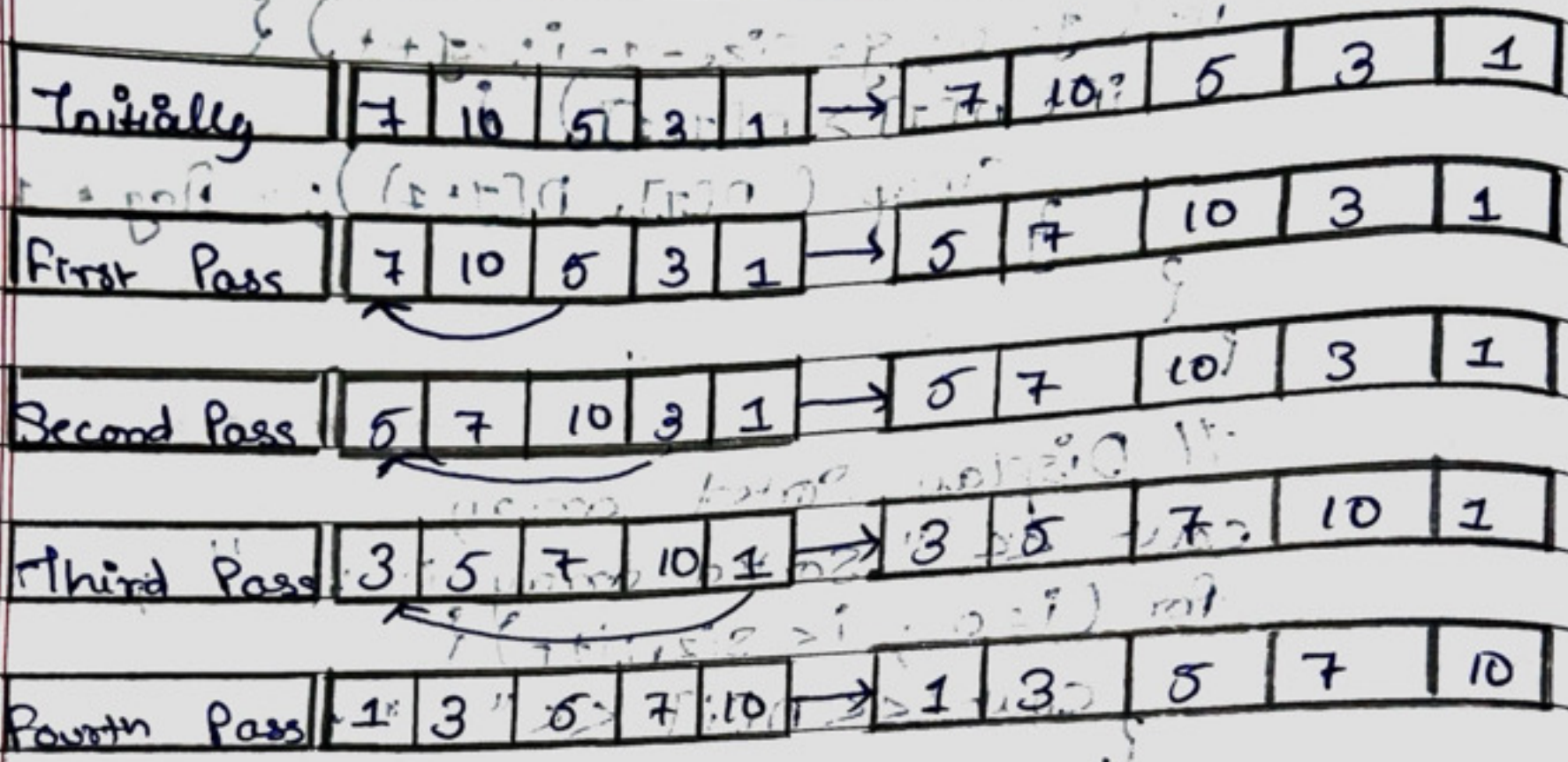


arr[] = 1 3 5 7 10

array Sorted

☆ Insertion Sort ☆

- It is a simple sorting algorithm that works iteratively sorting each element of unsorted list into a proper order.



Sorting Complete