Class 8 Notes

# Sorting

## Bubble Sort

Compare the first value with the next. If it is less, set that value down and take the larger value and continue. After 1 iteration, the largest value has been found. Proceed with the unsorted region to find the next largest value.

### Optimization

If you haven’t swapped any values, the array is sorted.

## Selection Sort

Find the smallest value of your current array and put it at the beginning (the sorted region). Then, repeat with the non-sorted region.

A screenshot of a cell phone

Description automatically generated