**Data Structures**

**Sorting**

Bubble Sort, Selection Sort and Insertion Sort all follow a similar pattern

* Compare two objects at a time swap the smaller
* They are generally slower and less advanced

**Bubble Sort**

* Process:
  + Compare left and right and swap larger to left
  + Move over one and keep doing
  + Keep repeating on down the line
* O(N2) time

**Selection Sort**

**Insertion Sort**

**Shellsort**

* More advanced and quicker

**Quicksort**

* - More advanced and quicker