**Lab 3: SORTING ALGORITHMS**

Consider the following array of names= {"Matthew", "Andrew", "Dylan", "Melody", "Nancy", "Imran", "Jacob", "Juliet" };

Implement bubble sort function using C to have the names sorted in *descending* order. Make sure to use string functions for comparison and copying.

Add another function to to perform an insertion sort.

Compare the two algorithms in terms of the following:

* Algorithm steps (how it works)
* Time complexity (best, average, and worst cases)
* Space complexity
* Stability