Assignment 1

1. Demonstrate insertion sort and selection sort with its time complexity in worst case.
2. Why bubble sort is called “bubble” sort.
3. What is the 2D array? Explain all type of declaration of 2D array.
4. What is base address of an array?
5. Assuming that the main memory is one byte-addressable and array is initialized with a[100][100]. the array is stored starting from memory address 0, the address of a[30][45].