CM1602 : Data Structures and Algorithms for AI

Tutorial 6

1. Implement Linear Search Algorithm.
   a. Create an array with the elements 62,89,32,67,21,39,88,55,94.
   b. Search for 89.
   c. Search for 55.
   d. Search for 69.
2. Implement Binary Search Algorithm.
   a. Create an array with the elements 62,89,32,67,21,39,88,55,94.
   b. Search for 89.
   c. Search for 55.
   d. Search for 69.
3. Implement Insertion Sort Algorithm.
   a. Create an array with the elements 62,89,32,67,21,39,88,55,94.
   b. Sort the array in (3. a.) using insertion sort

Additional Exercise

1. Compare Binary Search Algorithm with Linear Search Algorithm.