

## **Tutorial 4**

### **Instruction:**

- Submit scanned copy of handwritten assignment
- Write Student code on top right of each page

#### **1. Write an algorithm to**

- a. Insert an element in to an Array
- b. Insert an element in the 1<sup>st</sup> Position
- c. Insert an element at end (Append)
- d. Insert an element on Position P
- e. Insert an element Before Position P
- f. Insert an element After Position P

#### **2. Write an algorithm to**

- a. Delete an element from an Array
- b. Delete an element from the 1<sup>st</sup> Position
- c. Delete an element at end (Append)
- d. Delete an element on Position P
- e. Delete an element Before Position P
- f. Delete an element After Position P

#### **3. Write an algorithm to traverse the array.**

#### **4. Write an algorithm for linear search and binary search.**