

## **Data Structures and Algorithms**

## **Sorting Algorithms**

## Lab Sheet 05

## Answer all questions.

- 1. explain how main sorting algorithms can be performed using an appropriate array example.
- 2. Compare and contrast bubble sort and selection sort algorithms.
- 3. What are the real-world examples of sorting?
- 4. Write a function using pseudo or source codes to sort an integer array using bubble sort and selection sort.