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### ***Lab. (4)***

## ***Applications of Arrays (Searching and Sorting)***

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*Answer the following questions*

- 1) Write a C++ program to search a list for an item an array of elements using the Sequential search algorithm.
- 2) Write a C++ program to sort an array of elements using the Bubble sort algorithm.
- 3) Write a C++ program to sort an array of elements using the selection sort algorithm.
- 4) Write a C++ program to sort an array of elements using the insertion sort algorithm.