Benha University
Faculty of Engineering
Semester $\boldsymbol{O}$ (1 ${ }^{\text {st }}$ year)
Computer Programming (a) - E1123
Semester 2020-2021

## Lab. (12)

## Arrays

## Answer the following questions

1) Write a C++ program to find the largest element of a given array of integers.
2) Write a C++ program to find the largest three elements in an array.
3) Write a C++ program to find second largest element in a given array of integers.
4) Write a C++ program to find $k$ largest elements in a given array of integers.
5) Write a C++ program to find the smallest and second smallest elements in a given array of integers.
6) Write a C++ program to separate even and odd numbers of an array of integers. Put all even numbers first, and then odd numbers.
7) Write a C++ program to separate 0 s and 1 s from a given array of values 0 and 1.
8) Write a C++ program to find the element that appears once in an array of integers and every other element appears twice.
9) Write a C++ program to find the first repeating element in an array of integers.
