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## ***Lab. (11)***

### ***Arrays***

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#### **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 0s and 1s 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.