

- 1- Write a program in C++ to handle the following task using vector
  - a. Insert n numbers in the vector
  - b. Print n numbers in the vector
  - c. Swap two numbers
  - d. Sort the n numbers in the vector
  - e. Reverse the previously sorted numbers
  - f. Delete 2 numbers from the vector
    - i. One number from the beginning
    - ii. Another from the last
    - iii. Display the remaining numbers in the vector
- 2- Write a menu driven program in C++ to implement stack using STL that performs following tasks:
  - a. Insert the element in the stack
  - b. Delete the element from the stack
  - c. Display size of the stack
  - d. Fetch top most element from the stack
  - e. Quit
- 3- Write a menu driven program in C++ to implement queue using STL that performs following tasks:
  - a. Insert the element in the queue
  - b. Delete the element from the queue
  - c. Display queue of the stack
  - d. Fetch front element from the stack
  - e. Fetch last element from the stack
  - f. Quit
- 4- Write a program in C++ to handle the following task using list
  - a. Insert n numbers in the List
  - b. Print n numbers in the List
  - c. Sort the n numbers in the vector
  - d. Reverse the previously sorted numbers
- 5- Write a program in C++ using STL to find
  - a. Minimum and Maximum among n numbers
  - b. Addition (i.e. sum) of n numbers
  - c. Swap the alternate numbers in the list e.g. 1,2,3,4 will be 2,1,4,3 after swapping