

## **Lab Exercise 4**

### **Question 1:**

Write a C++ program to store integer data into a STL vector.

### **Question 2:**

Write a C++ program to store explain the working on STL stack. Use the stack to store a list of flower names and display in the reverse order.

### **Question 3:**

Write a C++ program to create a 4-function calculator.

A sample run is shown here:

```
: 10
: 2
: /
5
: -1
: *
-5
: 2.2
: +
-2.8
: 4
: 5
: 6
: +
11
: +
15
: q
```

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### **Question 4:**

Write the pseudo code for the following:

- a) Singly Linked List
- b) Double Linked List