

## **Object-Oriented Programming Lab, Lab#8, Spring 2019**

### **Graphical User Interface**

- 1) Write a simple Java Swing/AWT based application for Counter. The UI contains a Label ("Counter"), a non-editable TextField and a Button ("Count"). TextField will show the value of the counter.
  - a. Initially the TextField will have 0 as the text. Each time user clicks the Button the value of the counter increases by 1 and displays the value in the TextField.
- 2) Create a GUI application for the "Banking System" you created in last 2 labs. Should include the following functionalities
  - a. Creating new account
  - b. Display info of all accounts
  - c. Handle Transactions (deposit/withdraw) of existing account

### **For Practice**

- 1) Make the TextField of problem#1 editable and add the following
  - a. If user enters a number to the TextField, clicking the Button will increase the number by 1 and show the value.
- 2) Create a GUI application where clicking a button will check/uncheck a CheckBox and also change the text of the button. Clicking the button will
  - b. Check/Select the checkbox if it is not checked/selected. Also set the text of the Button to "UnCheck".
  - c. Uncheck/Unselect the checkbox if it is checked/selected. Also set the text of the Button to "Check".