1. From the user's point of view, CheckedListBoxes and ComboBoxes function a lot like a ListBox since they all allow the user to select items from a list. The below applications show an example of the CheckedListBox and all three variations of ComboBoxes.

![Choice of Beverages](image)

**a)** The CheckedListBox (unlike the ComboBoxes) allows the user to select multiple items. When would this be a useful feature?

**b)** The “simple” and “Drop-Down” versions of the ComboBox allow the user to type selections into the text field at their top, e.g., the “xyz” of the “simple” ComboBox. What happens if the user enters a string that does not correspond to any item?

**c)** The CheckedListBox distinguishes between the states of “selected” (using SelectedIndex and SelectedItem) and “checked” (using the Boolean function CheckedListBox.GetItemChecked(Index)) as in:

```vbnet
If clbBeverageChoice.GetItemChecked(intIndex) = True Then
```

What would be the general algorithm for finding **all** the selected items in a CheckedListBox?
2. Like ListBoxes, the CheckedListBoxes and ComboBoxes both have Items, Items.Count, SelectedIndex, SelectedItem, and Sorted properties, and both have the methods to manipulate the Items: Items.Add, Items.Clear, Items.Remove, Items.RemoveAt, Items.Contains, Items.IndexOf, Items.Insert, and Items(index).

Complete the code that updates the ListBox lstFromDropDownListComboBox every time a change is made to the ComboBox cboDropDownList.

```vbnm
Private Sub cboDropDownList_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles cboDropDownList.SelectedIndexChanged
    'Read selection from "DropDownList" ComboBox and update to corresponding ListBox
End Sub
```

3. Complete the code that updates the ListBox lstFromCheckedListBox when the btnDone button is clicked.

```vbnm
Private Sub btnDone_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDone.Click
    'Read checked selections from the CheckedListBox and update to corresponding ListBox
    Dim intIndex As Integer
End Sub
```