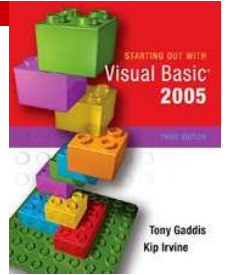


5.6

Multicolumn List Boxes, Checked List Boxes and Combo Boxes

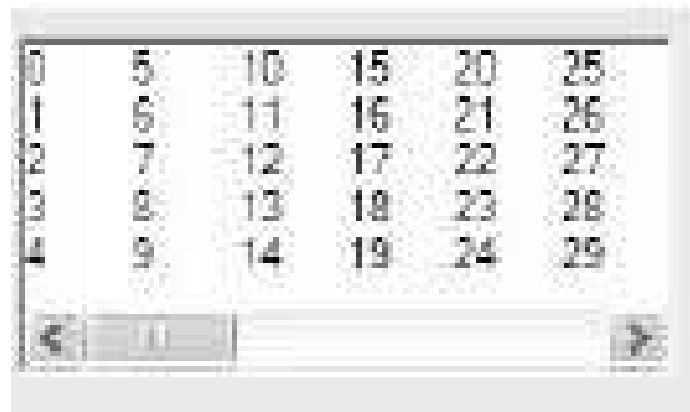
A Multicolumn List Box Displays Items in Columns
A Checked List Box Displays a Check Box Next to
Each Item in the List

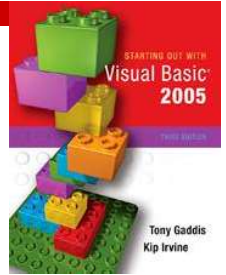
A Combo Box Is Like a List Box Combined With a
Text Box



List Box Multicolumn Property

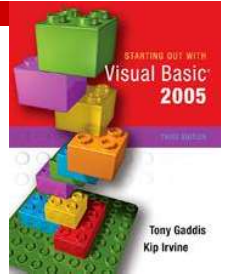
- The ListBox has a *Multicolumn property*
- Boolean property with default value of false
- If set to true, entries can appear side by side
- Below, ColumnWidth is set to 30
- Note the appearance of a horizontal scroll bar in this case





Checked List Box

- A form of ListBox with the list box properties and methods already discussed
- One item at a time may be selected but many items in a *Checked List Box* can be checked
- The CheckOnClick property determines how items may be checked
 - False - the user clicks an item once to select it, again to check it
 - True - the user clicks an item only once to both select it and check it



Finding the Status of Checked Items

- The *GetItemChecked* method returns true if the item at *Index* has been checked

CheckedListBox.GetItemChecked (Index)

```
Dim i as Integer
```

```
Dim intCheckedCities as Integer = 0
```

```
For i = 0 to clbCities.Items.Count - 1
```

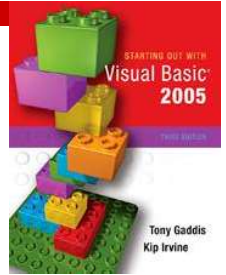
```
    If clbCities.GetItemChecked(i) = True Then
```

```
        intCheckedCities += 1
```

```
    End If
```

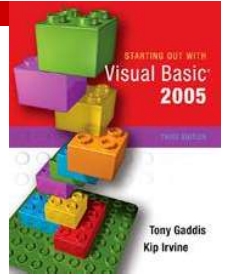
```
Next i
```

```
MessageBox.Show("You checked " & _  
    intCheckedCities.ToString() & " cities.")
```



Combo Boxes Similar to List Boxes

- Both display a list of items to the user
- Both have Items, Items.Count, SelectedIndex, SelectedItem, and Sorted properties
- Both have Items.Add, Items.Clear, Items.Remove, and Items.RemoveAt methods
- These properties and methods work the same with combo boxes and list boxes



Additional Combo Box Features

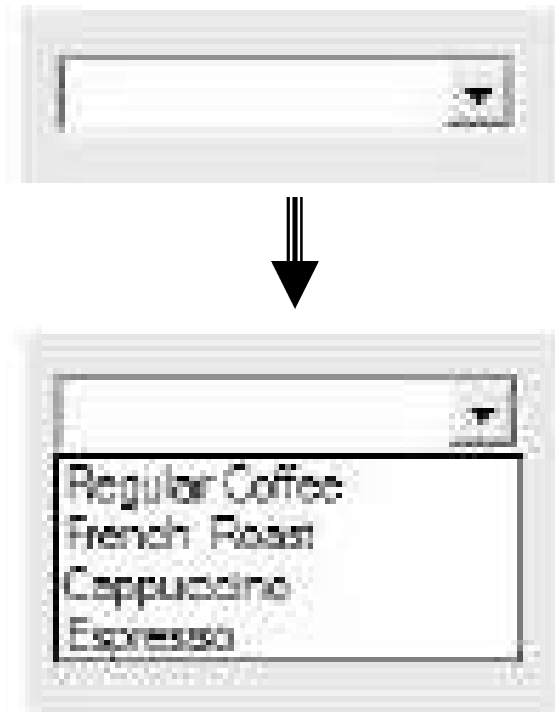
- A combo box also functions like a text box
- The user may enter text into a combo box
- Or the user may select the text from a series of list box type choices

Combo Box Styles

- Simple Combo Box
- List is always shown



- Drop-down Combo Box
- List appears when user clicks down arrow



Combo Box Styles

- Drop-down List Combo Box
- Behaves like a Drop-Down Combo Box, but the user may not enter text directly
- Tutorial 5-9 demonstrates each style of combo box

