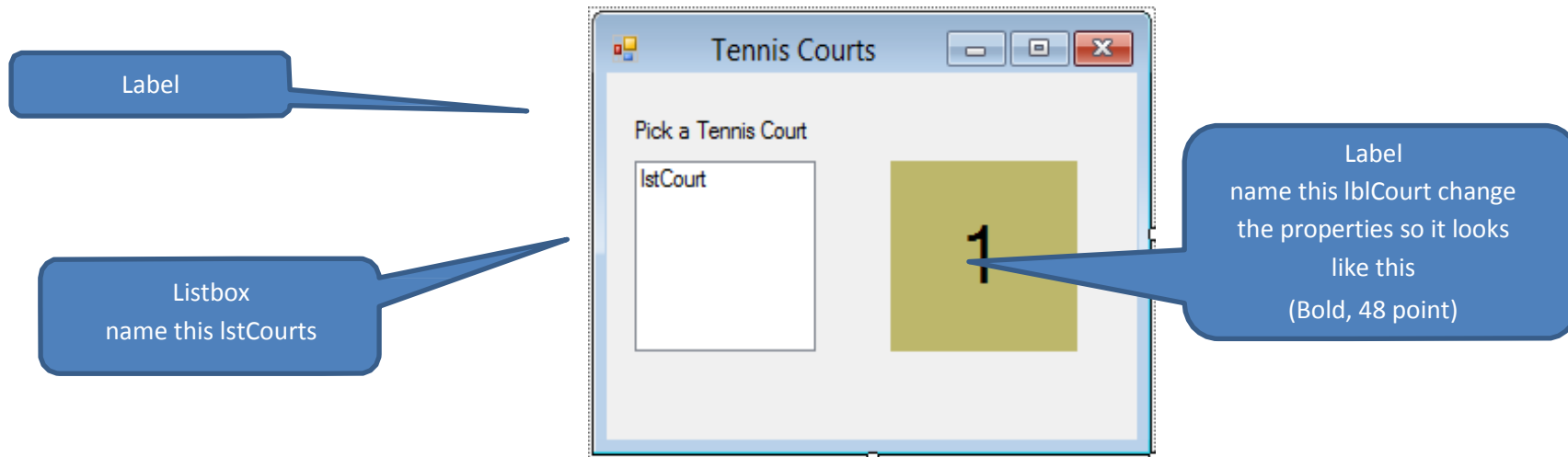


Unit 14 Tennis Court Program



Now for the code -

First we define our global variables.

```
' Global Variables  
Dim CourtNumbers() As Int32 = {1, 2, 3, 4}  
Dim CourtColours() As String
```

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Now add this code to the form Load event handler. (Double click on the form in the designer to create the code stub)

```
' Initialise the colours array
CourtColours = New String() {"Red", "Blue", "Green", "Pink"}
' Clear the listbox
lstCourt.Items.Clear()
For Each Court As Int32 In CourtNumbers
    lstCourt.Items.Add("Court " + Court.ToString)
Next
' Select the first court
lstCourt.SelectedIndex = 0
```

Now add this code to the list box selectedindexchanged event handler. (Again double click on the list box control in the designer to create the code stub)

```
Dim SelectedCourt As Int32 = lstCourt.SelectedIndex
labCourt.Text = SelectedCourt.ToString
labCourt.BackColor = Color.FromName(CourtColours(SelectedCourt))
```

Clear any syntax errors then run the program. When you click on a court number in the list box, the court number should show in the large label and the colour should change.

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Extension.

Add more court numbers and corresponding colours.

Advanced.

Use a color dialogue box to pick a color.