Public Class Form1

' Lists to store club members

Dim clubMembers As New List(Of String)

Private Sub btnAddStudent\_Click(sender As Object, e As EventArgs) Handles btnAddStudent.Click

' Add a student to the club

If ListBoxStudents.SelectedIndex >= 0 Then

Dim selectedStudent As String = ListBoxStudents.SelectedItem.ToString()

If Not clubMembers.Contains(selectedStudent) Then

clubMembers.Add(selectedStudent)

ListBoxClubMembers.DataSource = Nothing '

ListBoxClubMembers.DataSource = clubMembers

MemberCount.Text = "Club Members: " & clubMembers.Count.ToString()

End If

End If

End Sub

Private Sub btnRemoveStudent\_Click(sender As Object, e As EventArgs) Handles btnRemoveStudent.Click

' Remove a student from the club

If ListBoxClubMembers.SelectedIndex >= 0 Then

Dim selectedMember As String = ListBoxClubMembers.SelectedItem.ToString()

clubMembers.Remove(selectedMember)

ListBoxClubMembers.DataSource = Nothing '

ListBoxClubMembers.DataSource = clubMembers

MemberCount.Text = "Club Members: " & clubMembers.Count.ToString()

End If

End Sub

Private Sub Form1\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

End Sub

Private Sub ListBoxClubMembers\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles ListBoxClubMembers.SelectedIndexChanged

End Sub

End Class