'Goto First Record code

 Private Sub ToolButtonFirst\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ToolButtonFirst.Click

 If (numRecords > 0) Then

 indexRecord = 0

 PopulateControls()

 End If

 End Sub

 'Goto Previous Record code

 Private Sub ToolButtonPrevious\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ToolButtonPrevious.Click

 If (numRecords > 0 And indexRecord > 0) Then

 indexRecord = indexRecord - 1

 PopulateControls()

 Else

 If (indexRecord = 0) Then

 MsgBox("First record is already displayed!", MsgBoxStyle.Information, "First record")

 End If

 End If

 End Sub

 'Goto Next Record code

 Private Sub ToolButtonNext\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ToolButtonNext.Click

 If (numRecords > 0 And indexRecord < (numRecords - 1)) Then

 indexRecord = indexRecord + 1

 PopulateControls()

 Else

 If (indexRecord = (numRecords - 1)) Then

 MsgBox("Last record is already displayed!", MsgBoxStyle.Information, "Last record")

 End If

 End If

 End Sub

 'Goto Last Record code

 Private Sub ToolButtonLast\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ToolButtonLast.Click

 If (numRecords > 0) Then

 indexRecord = numRecords - 1

 PopulateControls()

 End If

 End Sub

 'Closing the Application

 Private Sub ToolButtonExit\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ToolButtonExit.Click

 Me.Close()

 End Sub

 'Clicking Inserting New Record button

 Private Sub ToolButtonInsert\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ToolButtonInsert.Click

 ClearFields()

 ToolButtonUndo.Enabled = True

 recordStatus = "Insert"

 UpdateStatusBar("Adding New Record\*")

 End Sub

 'Clear the Fields for New Record

 Private Sub ClearFields()

 txtFirstname.Text = ""

 txtLastname.Text = ""

 txtAlias.Text = ""

 dtpBirthdate.Text = Now()

 txtEmail.Text = ""

 End Sub

 'Saving Record whether just Updating existing record or Adding new record

 Private Sub ToolButtonSave\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ToolButtonSave.Click

 ToolButtonSave.Enabled = False

 Select Case recordStatus

 Case "Update"

 UpdateRecord()

 Case "Insert"

 InsertRecord()

 End Select

 dtaAdapter.Update(dtaSet)

 MsgBox("Record is successfully Saved!!!", MsgBoxStyle.Information)

 End Sub

 'Actual Code for Updating Record

 Private Sub UpdateRecord()

 Dim updSQL As String

 updSQL = "UPDATE Customers SET Company = '" & textCompany.Text & "', [Last Name] = '" & textLastname.Text & "'," & \_

 " [First Name] = '" & textFirstname.Text & "',[E-mail Address] = '" & textEmail.Text & "',[Business Phone] = '" & textPhone.Text & "' WHERE ID = " & dtaSet.Tables(0).Rows(indexRecord).Item("ID")

 dtaAdapter.UpdateCommand = New OleDbCommand(updSQL, connection)

 dtaRow = dtaSet.Tables(0).Rows(indexRecord)

 dtaRow.BeginEdit()

 dtaRow("Lastname") = txtLastname.Text

 dtaRow("Firstname") = txtFirstname.Text

 dtaRow("Alias") = txtAlias.Text

 dtaRow("Birthdate") = dtpBirthdate.Value

 dtaRow("Email") = txtEmail.Text

 dtaRow.EndEdit()

 End Sub

 'Actual Code for Inserting New Record

 Private Sub InsertRecord()

 Dim newRow As DataRow

 Dim insSQL As String

 insSQL = "INSERT INTO Customers (Company,[Last Name],[First Name],[E-mail Address],[Business Phone]) VALUES (" & \_

 "'" & textCompany.Text & "','" & textLastname.Text & "','" & textFirstname.Text & "','" & textEmail.Text & "','" & textEmail.Text & "')"

 dtaAdapter.InsertCommand = New OleDbCommand(insSQL, connection)

 newRow = dtaTable.NewRow

 newRow("Lastname") = txtLastname.Text

 newRow("Firstname") = txtFirstname.Text

 newRow("Alias") = txtAlias.Text

 newRow("Birthdate") = dtpBirthdate.Value

 newRow("Email") = txtEmail.Text

 dtaTable.Rows.Add(newRow)

 indexRecord = dtaTable.Rows.Count - 1

 PopulateControls()

 End Sub

 'Actual Code for Deleting Record

 Private Sub DeleteRecord()

 Dim dtaRow As DataRow

 dtaRow = dtaSet.Tables(0).Rows(indexRecord)

 dtaRow.Delete()

 If (indexRecord <> -1) Then

 indexRecord -= 1

 End If

 dtaAdapter.Update(dtaSet)

 PopulateControls()

 End Sub

 'Clicking the Delete Button Code

 Private Sub ToolButtonDelete\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ToolButtonDelete.Click

 If (MsgBox("Are you sure you want to Delete this Record", MsgBoxStyle.YesNo, "Delete") = MsgBoxResult.Yes) Then

 DeleteRecord()

 End If

 End Sub