

```
'Allows the user to update the a/c name and correspondence address
'Written by Bill Blackley
'First Written 2/8/2005
'Last written 15/9/2005
```

```
Public Class frmCorrespondenceAddress
    Inherits System.Windows.Forms.Form
```

```
Windows Form Designer generated code
```

```
'Closes Form frmCorrespondenceAddress
Private Sub mnuExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles mnuExit.Click
    Me.Close()
End Sub 'mnuExit_Click

'Updates the A/c name and correspondence address if the user edits them
Private Sub mnuUpdate_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles mnuUpdate.Click
    Try
        'Ask user if they really want to update the a/c name and
        'correspondence address
        Dim Result As DialogResult

        Result = MessageBox.Show("Are you sure you want to update the A/c name and
correspondence address?", "Update A/c Name & Address?", MessageBoxButtons.YesNo,
MessageBoxIcon.Question)

        'If user clicks YES.....
        If Result = DialogResult.Yes Then

            'Open database connection
            FAMSDBConnection.Open()

            'Create Update Command
            AccountDataAdapter.UpdateCommand.CommandText = _
            "Update Account SET name = '" & txtName.Text & "', " & _
            "addressLine1 = '" & txtAddressLine1.Text & "', " & _
            "addressLine2 = '" & txtAddressLine2.Text & "', " & _
            "addressLine3 = '" & txtAddressLine3.Text & "', " & _
            "city = '" & txtCity.Text & "', " & _
            "county = '" & txtCounty.Text & "', " & _
            "postCode = '" & txtPostCode.Text & "' " & _
            "WHERE sortCode = '" & txtSortCode.Text & "' AND " & _
            "accountNo = '" & txtAccountNo.Text & "'"

            'Execute Update command
            AccountDataAdapter.UpdateCommand.ExecuteNonQuery()

            'Close database connection
            FAMSDBConnection.Close()

            'Now insert record in AccountMaintenance Table of FAMSDB

            'Declare staffNumber variable for holding StaffNo
            Dim StaffNumber As String

            'Declare transactionNumber variable for holding maximum transactiionNo
            Dim transactionNumber As String

            'Open Database Connection
            FAMSDBConnection.Open()

            'Returns the DataSet to it's original state
            StaffDataSet.Reset()

            'Create Select Query
            StaffDataAdapter.SelectCommand.CommandText = _
            "SELECT staffNo FROM Staff WHERE localIPAddress = '" & _
            frmLogin.GetIPAddress() & "'"

            'Fill DataSet with results of query
            StaffDataAdapter.Fill(StaffDataSet)
```

```
'Close database Connection
FAMSDBConnection.Close()

'Put results of query into datatable with which to work
Dim datatable As DataTable = StaffDataSet.Tables(0)

'Put staffNo in StaffNumber Variable
StaffNumber = Convert.ToString(datatable.Rows(0)(0))

'Now select the highest transaction no

'Open database Connection
FAMSDBConnection.Open()

'Return the DataSet to it's original state
AccountMaintenanceDataSet.Reset()

'Create Select Query
AccountMaintenanceDataAdapter.SelectCommand.CommandText = _
"SELECT COUNT(*) FROM AccountMaintenance WHERE " & _
"sortCode = '" & txtSortCode.Text & "' AND " & _
"accountNo = '" & txtAccountNo.Text & "' AND " & _
"staffNo = '" & StaffNumber & "'"

'Fill DataSet with results of query
AccountMaintenanceDataAdapter.Fill(AccountMaintenanceDataSet)

'Put results of query into datatable with which to work
Dim datatable1 As DataTable = AccountMaintenanceDataSet.Tables(0)

'Put highest transactionNo into transactionNumber variable
transactionNumber = Convert.ToString(datatable1.Rows(0)(0))

'Create INSERT Command to INSERT new AccountMaintenance record
AccountMaintenanceDataAdapter.InsertCommand.CommandText = _
"INSERT INTO AccountMaintenance VALUES('" & txtSortCode.Text & "', " & _
"'" & txtAccountNo.Text & "', " & _
"'" & StaffNumber & "', " & _
"'" & Convert.ToString(Convert.ToInt32(transactionNumber) + 1) & "', " & _
"'" & Convert.ToString(DateTime.Now.ToString("d")) & "', " & _
"'Updated')"
```