

```
'Allows the user to make cash deposits into the a/c by UPDATIng the a/c's
'record and INSERTIng a transaction record in the Transaction table of the
'FAMSDB.
'Written by Bill Blackley
'First written 20/8/2005
'Last written 15/9/2005
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```
Public Class frmCashDeposit
    Inherits System.Windows.Forms.Form
```

```
Windows Form Designer generated code
```

```
'Allows the user to make a cash deposit by UPDATIng Account Table and INSERTIng
'a record in the Transactions Table of the FAMSDB database
Private Sub cmdCashDeposit_Click(ByVal sender As System.Object, ByVal e As System.
EventArgs) Handles cmdCashDeposit.Click
```

```
Try
```

```
    'Declare variables for storing old and new balances in
    Dim balance, newBalance, availableBalance, newAvailableBalance As String

    'Open Database Connection
    FAMSDBConnection.Open()

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

    'Create query to get balance and availableBlance attributes
    AccountDataAdapter.SelectCommand.CommandText = _
    "SELECT balance, availableBalance FROM Account WHERE sortCode = '" & _
    txtSortCode.Text & "' AND accountNo = '" & txtAccountNo.Text & "'"

    'Fill AccountDataSet
    AccountDataAdapter.Fill(AccountDataSet)

    'Close Database Connection
    FAMSDBConnection.Close()

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

    'Put account balance into balance variable
    balance = Convert.ToString(datatable.Rows(0)(0))

    'Put account avaiableBalance into availableBalance variable
    availableBalance = Convert.ToString(datatable.Rows(0)(1))

    'Now calculate new balances
    newBalance = Convert.ToString(Convert.ToDecimal(balance) + Convert.ToDecimal
(txtAmount.Text))
    newAvailableBalance = Convert.ToString(Convert.ToDecimal(availableBalance) +
Convert.ToDecimal(txtAmount.Text))

    'Now INSERT new balances into Account Table

    'Open Database Connection
    FAMSDBConnection.Open()

    'Create UPDATE Command
    AccountDataAdapter.UpdateCommand.CommandText = _
    "UPDATE Account SET balance = '" & newBalance & "', " & _
    "availableBalance = '" & newAvailableBalance & "'" & _
    "WHERE sortCode = '" & txtSortCode.Text & "' AND " & _
    "accountNo = '" & txtAccountNo.Text & "'"

    'Execute UPDATE Command
    AccountDataAdapter.UpdateCommand.ExecuteNonQuery()

    'Close Database Connection
    FAMSDBConnection.Close()

    'Now INSERT Transaction Record
    Transaction.InsertTransaction("CashDeposit", txtAmount.Text, _
newBalance, txtSortCode.Text, txtAccountNo.Text)
```

```
        'Display confirmation Message
        MessageBox.Show("£" & txtAmount.Text & " has been deposited", "Amount Deposited"
", MessageBoxButtons.OK, MessageBoxIcon.Information)

        'Close form
        Me.Close()

    Catch ex As Exception
        MessageBox.Show(ex.ToString())
    End Try

End Sub 'cmdCashDeposit_Click
End Class 'frmCashDeposit
```