

```
'Allows the user to view all transactions on an account or a subset of all
'transactions determined by the start date and the finish date.
'Written by Bill Blackley
'First written 3/9/2005
'Last written 15/9/2005
```

```
Public Class frmStatements
```

```
    Inherits System.Windows.Forms.Form
```

```
Windows Form Designer generated code
```

```
'Initialises txtStartDate and txtFinishDate
```

```
Private Sub frmStatements_Load(ByVal sender As System.Object, ByVal e As System.
EventArgs) Handles MyBase.Load
```

```
    txtStartDate.Text = ""
    txtFinishDate.Text = ""
```

```
End Sub 'frmStatements_Load()
```

```
'Allows the user to view Transactions carried out on accounts between dates entered....
'.....if no dates are entered all transactions are viewed
```

```
Private Sub cmdViewStatement_Click(ByVal sender As System.Object, ByVal e As System.
EventArgs) Handles cmdViewStatement.Click
```

```
    Try
```

```
        'if user has not entered start and finish dates....
```

```
        If txtStartDate.Text.Equals("") And txtFinishDate.Text.Equals("") Then
```

```
            'Open database connection
            FAMSDBConnection.Open()
```

```
            'Return DataSet to it's original state
            TransactionDataSet.Clear()
```

```
            'Create SELECT query to get all transactions carried out on account
            TransactionDataAdapter.SelectCommand.CommandText = _
            "SELECT transactionNo, date, description, credit, debit, balance " & _
            "FROM [Transaction] WHERE sortCode = '" & _
            txtSortCode.Text & "' AND accountNo = '" & txtAccountNo.Text & "'"
```

```
            'Fill DataSet
            TransactionDataAdapter.Fill(TransactionDataSet, "Transaction")
```

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

```
            'Fill Datagrid dgdTransactions with results of query
            dgdTransactions.SetDataBinding(TransactionDataSet, "Transaction")
```

```
        ElseIf txtStartDate.Text.Equals("") And txtFinishDate.Text.Length <> 0 Then
```

```
            'Open database connection
            FAMSDBConnection.Open()
```

```
            'Return DataSet to it's original state
            TransactionDataSet.Clear()
```

```
            'Create SELECT query to get all transactions carried out on account
            TransactionDataAdapter.SelectCommand.CommandText = _
            "SELECT transactionNo, date, description, credit, debit, balance " & _
            "FROM [Transaction] WHERE sortCode = '" & _
            txtSortCode.Text & "' AND accountNo = '" & txtAccountNo.Text & "' AND " & _
            "date <= '" & Convert.ToDateTime(txtFinishDate.Text) & "'"
```

```
            'Fill DataSet
            TransactionDataAdapter.Fill(TransactionDataSet, "Transaction")
```

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

```
            'Fill Datagrid dgdTransactions with results of query
            dgdTransactions.SetDataBinding(TransactionDataSet, "Transaction")
```

```
        ElseIf txtStartDate.Text.Length <> 0 And txtFinishDate.Text.Equals("") Then
```

```
'Open database connection
FAMSDBConnection.Open()

'Return DataSet to it's original state
TransactionDataSet.Clear()

'Create SELECT query to get all transactions carried out on account
TransactionDataAdapter.SelectCommand.CommandText = _
"SELECT transactionNo, date, description, credit, debit, balance " & _
"FROM [Transaction] WHERE sortCode = '" & _
txtSortCode.Text & "' AND accountNo = '" & txtAccountNo.Text & "' AND " & _
"date >= '" & Convert.ToDateTime(txtStartDate.Text) & "'"

'Fill DataSet
TransactionDataAdapter.Fill(TransactionDataSet, "Transaction")

'Close Database Connection
FAMSDBConnection.Close()

'Fill Datagrid dgdTransactions with results of query
dgdTransactions.SetDataBinding(TransactionDataSet, "Transaction")

ElseIf txtStartDate.Text.Length <> 0 And txtFinishDate.Text.Length <> 0 Then

'Open database connection
FAMSDBConnection.Open()

'Return DataSet to it's original state
TransactionDataSet.Clear()

'Create SELECT query to get all transactions carried out on account
TransactionDataAdapter.SelectCommand.CommandText = _
"SELECT transactionNo, date, description, credit, debit, balance " & _
"FROM [Transaction] WHERE sortCode = '" & _
txtSortCode.Text & "' AND accountNo = '" & txtAccountNo.Text & "' AND " & _
"date >= '" & Convert.ToDateTime(txtStartDate.Text) & "' AND " & _
"date <= '" & Convert.ToDateTime(txtFinishDate.Text) & "'"

'Fill DataSet
TransactionDataAdapter.Fill(TransactionDataSet, "Transaction")

'Close Database Connection
FAMSDBConnection.Close()

'Fill Datagrid dgdTransactions with results of query
dgdTransactions.SetDataBinding(TransactionDataSet, "Transaction")

End If

Catch ex As Exception
    MessageBox.Show(ex.ToString())
End Try
End Sub 'cmdViewStatement_Click
End Class 'frmStatements
```