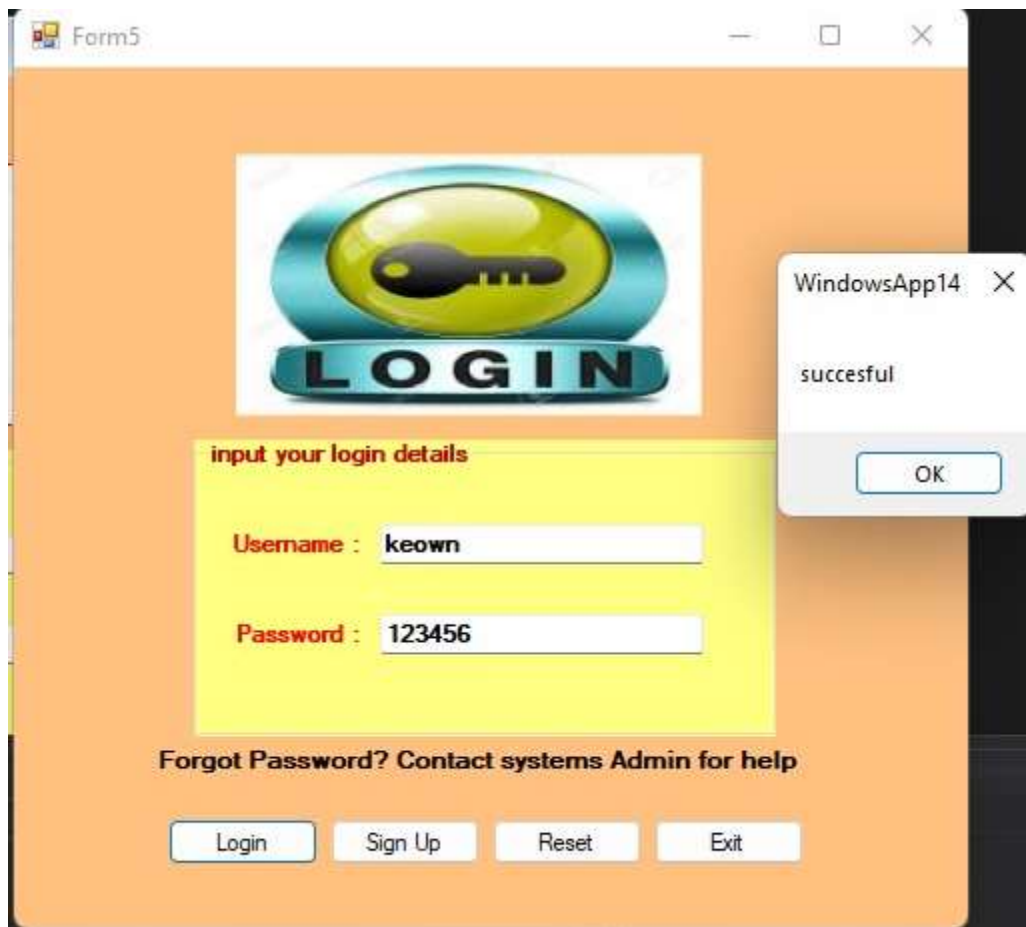LOGIN FORM


```vbnet
Imports System.Data.OleDb
Public Class Form5

    Dim conn As New OleDbConnection
    Dim cmd As OleDbCommand

    Private Sub Form5_Load(sender As Object, e As EventArgs) Handles MyBase.Load

        conn.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=C:\Users\keown\Documents\Assignment2.mdb"



    End Sub

    Private Sub btnLogin_Click(sender As Object, e As EventArgs) Handles
btnLogin.Click

        Try

            conn.Open()

            Dim found As Boolean = False
            Dim sql As New OleDbCommand("Select [username],[password] from
Login_details ", conn)
            Dim reader As OleDbDataReader = sql.ExecuteReader

            While reader.Read()
```

```vbnet
            If txtUsername.Text = reader("username") And txtPassword.Text = reader("password")
            Then

                    MsgBox("succesful")
                    found = True

                    Me.Hide()
                    Form6.Show()


                End If


            End While

            If found = False Then

                MsgBox("Incorrect username or password")
            End If


            conn.Close()

        Catch

            MsgBox("An error has occured ,Please double check your details")

        End Try

        txtPassword.Text = ""
        txtUsername.Text = ""


    End Sub

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click

        Me.Hide()
        Form1.Show()

    End Sub

    Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles
btnReset.Click

        txtPassword.Text = ""
        txtUsername.Text = ""


    End Sub

    Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
        Me.Close()

    End Sub


End Class
```

SIGN-UP FORM


```vbnet
Imports System.IO
Imports System.Data.OleDb

Public Class Form1

    Dim conn As New OleDbConnection
    Dim cmd As OleDbCommand
    Dim gender As String
    Dim image2 As String

    Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load

        conn.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=C:\Users\keown\Documents\Assignment2.mdb"


    End Sub

    Private Sub btnSubmit_Click(sender As Object, e As EventArgs) Handles
btnSubmit.Click


        Try

            gender = ""
            image2 = Path.GetFileName(OpenFileDialog1.FileName)

            If rdMale.Checked = True Then

                gender = "Male"

            ElseIf rdFemale.Checked = True Then

                gender = "Female"
```

```vb
            ElseIf rdFemale.Checked = False And rdMale.Checked = False Then

                MsgBox("Please select a gender")

                Exit Sub


            End If

            'open connection
            conn.Open()

            'do insert operations

            Dim cmd2 As OleDbCommand


            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text

            cmd.CommandText = "INSERT INTO
Login_details([firstname],[lastname],[date_of_birth],[gender],[username],[password],[u
ser_image]) values('" & txtFirstname.Text & "','" & txtLastname.Text & "','" &
txtDate.Text & "', '" & gender & "','" & txtUsername.Text & "','" & txtPassword.Text &
"','" & image2 & "')"

            cmd.ExecuteNonQuery()

            cmd2 = conn.CreateCommand()
            cmd2.CommandType = CommandType.Text
            cmd2.CommandText = "INSERT INTO more_details([firstname],[lastname])
values('" & txtFirstname.Text & "','" & txtLastname.Text & "')"

            cmd2.ExecuteNonQuery()

            MsgBox("Saved, Please proceed to Login form")


            conn.Close()

        Catch

            MsgBox("An Error has occured, Pleas double your details")

        End Try

        txtFirstname.Text = ""
        txtLastname.Text = ""
        txtDate.Text = ""
        txtUsername.Text = ""
        txtPassword.Text = ""
        rdFemale.Checked = False
        rdMale.Checked = False
        gender = ""



    End Sub

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
```

```vb
            txtFirstname.Text = ""
            txtLastname.Text = ""
            txtDate.Text = ""
            txtUsername.Text = ""
            txtPassword.Text = ""
            rdFemale.Checked = False
            rdMale.Checked = False
            gender = ""


    End Sub

    Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click

        Me.Close()

    End Sub

    Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
        Me.Hide()
        Form5.Show()
    End Sub

    Private Sub PictureBox1_Click(sender As Object, e As EventArgs) Handles
PictureBox1.Click

        'opens dialog box to insert a picture

        If OpenFileDialog1.ShowDialog = Windows.Forms.DialogResult.OK Then

            image2 = Path.GetFileName(OpenFileDialog1.FileName)

            PictureBox1.Image = Image.FromFile(OpenFileDialog1.FileName)

        End If


    End Sub
End Class
```

LOADING SCREEN


```vbnet
Public Class Form6

    Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick


        lblProgress.Text = pbLoading.Value & "%"

        pbLoading.Value += 1

        If pbLoading.Value = 100 Then

            Me.Hide()
            Form4.Show()
            Timer1.Dispose()
        End If


    End Sub


End Class
```

SIGN-UP FORM


```vbnet
Public Class Form4

    Dim conn As New OleDbConnection
    Dim cmd As OleDbCommand
    Private Sub Form4_Load(sender As Object, e As EventArgs) Handles MyBase.Load



        conn.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=C:\Users\keown\Documents\Assignment2.mdb"

        Try


            conn.Open()

            Dim sql As New OleDbCommand("select type FROM Stock_list where
[stock]='MotherBoard'", conn)
            Dim reader As OleDb.OleDbDataReader = sql.ExecuteReader

            'the while loops selects the stock
            'and the lists the type in the appropriate combo box
            ' when the form loads

            'textboxes are set to ReadOnly

            While reader.Read()

                cmbMotherB.Items.Add(reader("type"))

            End While
```

```vbnet
            Dim sql2 As New OleDbCommand("select type FROM Stock_list where
[stock]='Processor' ", conn)
            Dim reader2 As OleDb.OleDbDataReader = sql2.ExecuteReader

            While reader2.Read()

                cmbProcesser.Items.Add(reader2("type"))

            End While


            Dim sql3 As New OleDbCommand("select type FROM Stock_list where
[stock]='RAM' ", conn)
            Dim reader3 As OleDb.OleDbDataReader = sql3.ExecuteReader

            While reader3.Read()

                cmbRAM.Items.Add(reader3("type"))

            End While

            Dim sql4 As New OleDbCommand("select type FROM Stock_list where
[stock]='Harddrive' ", conn)
            Dim reader4 As OleDb.OleDbDataReader = sql4.ExecuteReader

            While reader4.Read()

                cmbHarddisk.Items.Add(reader4("type"))

            End While

            Dim sql5 As New OleDbCommand("select type FROM Stock_list where
[stock]='Graphics' ", conn)
            Dim reader5 As OleDb.OleDbDataReader = sql5.ExecuteReader

            While reader5.Read()
                cmbGraphic.Items.Add(reader5("type"))
            End While


            conn.Close()

        Catch
            MsgBox("An error has occured")
        End Try

        rd10.Enabled = False
        rd15.Enabled = False




    End Sub

Private Sub cmbMotherB_SelectedIndexChanged(sender As Object, e As EventArgs) Handles
cmbMotherB.SelectedIndexChanged

        'combo-box Drop Down style is DropDownList
        'So no user can enter text in the combo-box
```

```vbnet
        Try

            conn.Open()

            Dim sql As New OleDbCommand("select price FROM Stock_list where [type]= '"
& cmbMotherB.SelectedItem & " '", conn)
            Dim reader As OleDb.OleDbDataReader = sql.ExecuteReader

            While reader.Read()

                txtMotherB.Text = reader("price")

            End While

            conn.Close()

            ' this code will compute the total amount spent
            ' to enable the radio buttons if the amount is more R1500

            Dim mb, pro, hd, ram, gph, subtotal As Double
            Dim ed As Boolean = False

            mb = Val(txtMotherB.Text)
            pro = Val(txtProcessor.Text)
            hd = Val(txtHarddisk.Text)
            ram = Val(txtRAM.Text)
            gph = Val(txtGraphic.Text)

            subtotal = mb + pro + hd + ram + gph

            If subtotal > 1500 Then

                rd10.Enabled = True
                rd15.Enabled = True
                ed = True


            End If

        Catch

            MsgBox("An error has occured")

        End Try



        'this ensures that if the selected item is changed after the comput button is
pressed
        'then user has to press the compute button again

        txtDiscount.Text = ""
        txtSub.Text = ""
        txtTotal.Text = ""
        txtVAT.Text = ""
        RichTextBox1.Clear()


    End Sub
```

```vbnet
    Private Sub cmbProcesser_SelectedIndexChanged(sender As Object, e As EventArgs)
Handles cmbProcesser.SelectedIndexChanged

        'combo-box Drop Down style is DropDownList
        'So no user can enter text in the combo-box

        Try

            conn.Open()

            Dim sql2 As New OleDbCommand("select price FROM Stock_list where [type]='"
& cmbProcesser.SelectedItem & "' ", conn)
            Dim reader2 As OleDb.OleDbDataReader = sql2.ExecuteReader

            While reader2.Read()

                txtProcessor.Text = reader2("price")

            End While
            conn.Close()

            Dim mb, pro, hd, ram, gph, subtotal As Double
            Dim ed As Boolean = False

            mb = Val(txtMotherB.Text)
            pro = Val(txtProcessor.Text)
            hd = Val(txtHarddisk.Text)
            ram = Val(txtRAM.Text)
            gph = Val(txtGraphic.Text)

            subtotal = mb + pro + hd + ram + gph

            If subtotal > 1500 Then

                rd10.Enabled = True
                rd15.Enabled = True
                ed = True


            End If

        Catch

            MsgBox("An error has occured")

        End Try

        'this ensures that if the selected item is changed after the comput button is
pressed
        'then user has to press the compute button again

        txtDiscount.Text = ""
        txtSub.Text = ""
        txtTotal.Text = ""
        txtVAT.Text = ""
        RichTextBox1.Clear()

    End Sub

    Private Sub cmbHarddisk_SelectedIndexChanged(sender As Object, e As EventArgs)
Handles cmbHarddisk.SelectedIndexChanged
```

```vbnet
        'combo-box Drop Down style is DropDownList
        'So no user can enter text in the combo-box

        Try

            conn.Open()

            Dim sql3 As New OleDbCommand("select price FROM Stock_list where [type]='"
& cmbHarddisk.SelectedItem & "' ", conn)
            Dim reader3 As OleDb.OleDbDataReader = sql3.ExecuteReader

            While reader3.Read()

                txtHarddisk.Text = reader3("price")

            End While

            conn.Close()

            Dim mb, pro, hd, ram, gph, subtotal As Double
            Dim ed As Boolean = False

            mb = Val(txtMotherB.Text)
            pro = Val(txtProcessor.Text)
            hd = Val(txtHarddisk.Text)
            ram = Val(txtRAM.Text)
            gph = Val(txtGraphic.Text)

            subtotal = mb + pro + hd + ram + gph

            If subtotal > 1500 Then

                rd10.Enabled = True
                rd15.Enabled = True
                ed = True


            End If

        Catch
            MsgBox("An error has occured")

        End Try

        'this ensures that if the selected item is changed after the comput button is
pressed
        'then user has to press the compute button again

        txtDiscount.Text = ""
        txtSub.Text = ""
        txtTotal.Text = ""
        txtVAT.Text = ""
        RichTextBox1.Clear()




    End Sub

    Private Sub cmbRAM_SelectedIndexChanged(sender As Object, e As EventArgs) Handles
cmbRAM.SelectedIndexChanged
```

```vb
        'combo-box Drop Down style is DropDownList
        'So no user can enter text in the combo-box
        Try
            conn.Open()

            Dim sql4 As New OleDbCommand("select price FROM Stock_list where [type]='"
& cmbRAM.SelectedItem & "' ", conn)
            Dim reader4 As OleDb.OleDbDataReader = sql4.ExecuteReader

            While reader4.Read()

                txtRAM.Text = reader4("price")

            End While

            conn.Close()

            Dim mb, pro, hd, ram, gph, subtotal As Double
            Dim ed As Boolean = False


            mb = Val(txtMotherB.Text)
            pro = Val(txtProcessor.Text)
            hd = Val(txtHarddisk.Text)
            ram = Val(txtRAM.Text)
            gph = Val(txtGraphic.Text)

            subtotal = mb + pro + hd + ram + gph

            If subtotal > 1500 Then

                rd10.Enabled = True
                rd15.Enabled = True
                ed = True


            End If


        Catch
            MsgBox("An error has occured")
        End Try

        'this ensures that if the selected item is changed after the comput button is
pressed
        'then user has to press the compute button again

        txtDiscount.Text = ""
        txtSub.Text = ""
        txtTotal.Text = ""
        txtVAT.Text = ""
        RichTextBox1.Clear()


    End Sub

Private Sub cmbGraphic_SelectedIndexChanged(sender As Object, e As EventArgs) Handles
cmbGraphic.SelectedIndexChanged

        'combo-box Drop Down style is DropDownList
        'So no user can enter text in the combo-box

        Try
```

```vb
            conn.Open()


            Dim sql5 As New OleDbCommand("select price FROM Stock_list where [type]='"
& cmbGraphic.SelectedItem & "' ", conn)
            Dim reader5 As OleDb.OleDbDataReader = sql5.ExecuteReader

            While reader5.Read()
                txtGraphic.Text = reader5("price")
            End While



            conn.Close()

            Dim mb, pro, hd, ram, gph, subtotal As Double
            Dim ed As Boolean = False

            mb = Val(txtMotherB.Text)
            pro = Val(txtProcessor.Text)
            hd = Val(txtHarddisk.Text)
            ram = Val(txtRAM.Text)
            gph = Val(txtGraphic.Text)

            subtotal = mb + pro + hd + ram + gph

            If subtotal > 1500 Then

                rd10.Enabled = True
                rd15.Enabled = True
                ed = True


            End If

        Catch
            MsgBox("An error has occured")

        End Try

        'this ensures that if the selected item is changed after the comput button is
pressed
        'then user has to press the compute button again

        txtDiscount.Text = ""
        txtSub.Text = ""
        txtTotal.Text = ""
        txtVAT.Text = ""
        RichTextBox1.Clear()


    End Sub

    Private Sub btnCompute_Click(sender As Object, e As EventArgs) Handles
btnCompute.Click

        'checks if the user entered name
        ' if not it exits the sub and resets all the boxes

        If txtCustomername.Text = "" Then

            MsgBox("Please enter name")
```

```vbnet
        txtGraphic.Text = ""
        txtHarddisk.Text = ""
        txtMotherB.Text = ""
        txtProcessor.Text = ""
        txtRAM.Text = ""

        cmbGraphic.SelectedIndex = -1
        cmbMotherB.SelectedIndex = -1
        cmbProcesser.SelectedIndex = -1
        cmbHarddisk.SelectedIndex = -1
        cmbRAM.SelectedIndex = -1


        rd10.Checked = False
        rd10.Enabled = False
        rd15.Checked = False
        rd15.Enabled = False

        Exit Sub


    End If

    Try

        Dim mb, pro, hd, ram, gph, subtotal, vat, discount, total As Double
        Dim ed As Boolean = False

        mb = Val(txtMotherB.Text)
        pro = Val(txtProcessor.Text)
        hd = Val(txtHarddisk.Text)
        ram = Val(txtRAM.Text)
        gph = Val(txtGraphic.Text)

        subtotal = mb + pro + hd + ram + gph

        txtSub.Text = subtotal

        vat = subtotal * 0.15

        txtVAT.Text = vat

        subtotal = subtotal + vat

        If rd10.Checked = True Then

            discount = subtotal * 0.1
            txtDiscount.Text = discount

        ElseIf rd15.Checked = True Then

            discount = subtotal * 0.15
            txtDiscount.Text = discount
        End If

        total = subtotal - discount

        txtTotal.Text = total

        'designing reciept
```

```vb
            RichTextBox1.Text = "                        Richfield PC Components Store
" & vbNewLine

RichTextBox1.AppendText("=============================================" &
vbNewLine)
            RichTextBox1.AppendText("Customer Name : " & txtCustomername.Text &
vbNewLine)

RichTextBox1.AppendText("=============================================" &
vbNewLine)
            RichTextBox1.AppendText("Components" & vbTab & vbTab & "type" & vbTab &
vbTab & "price" & vbNewLine)

RichTextBox1.AppendText("=============================================" &
vbNewLine)
            RichTextBox1.AppendText(" Motherboard" & vbTab & vbTab &
cmbMotherB.SelectedItem & vbTab & vbTab & txtMotherB.Text & vbNewLine)
            RichTextBox1.AppendText(" Processer" & vbTab & vbTab &
cmbProcesser.SelectedItem & vbTab & vbTab & txtProcessor.Text & vbNewLine)
            RichTextBox1.AppendText(" Harddisk      " & vbTab & vbTab &
cmbHarddisk.SelectedItem & vbTab & vbTab & txtHarddisk.Text & vbNewLine)
            RichTextBox1.AppendText(" RAM            " & vbTab & vbTab &
cmbRAM.SelectedItem & vbTab & vbTab & txtRAM.Text & vbNewLine)
            RichTextBox1.AppendText(" Graphics     " & vbTab & vbTab &
cmbGraphic.SelectedItem & vbTab & vbTab & txtGraphic.Text & vbNewLine)

RichTextBox1.AppendText("=============================================" &
vbNewLine)
            RichTextBox1.AppendText("Sub-Total" & vbTab & vbTab & txtSub.Text &
vbNewLine)
            RichTextBox1.AppendText("VAT" & vbTab & vbTab & txtVAT.Text & vbNewLine)
            RichTextBox1.AppendText("Discount" & vbTab & vbTab & txtDiscount.Text &
vbNewLine)
            RichTextBox1.AppendText("Total" & vbTab & vbTab & txtTotal.Text &
vbNewLine)
            RichTextBox1.AppendText(vbNewLine)
            RichTextBox1.AppendText(vbTab & "Enjoy your day" & vbNewLine)
            RichTextBox1.AppendText("Please keep slip as proof of purchase and
returns" & vbNewLine)

RichTextBox1.AppendText("=============================================" &
vbNewLine)

            'gets the current date

            Dim d As Date
            d = Today

            RichTextBox1.AppendText(vbTab & d & vbNewLine)

RichTextBox1.AppendText("=============================================" &
vbNewLine)


        Catch

            MsgBox("An error has occured")

        End Try
```

```vb
    End Sub

    Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles
btnReset.Click

        txtCustomername.Text = ""
        txtDiscount.Text = ""
        txtGraphic.Text = ""
        txtHarddisk.Text = ""
        txtMotherB.Text = ""
        txtProcessor.Text = ""
        txtRAM.Text = ""
        txtSub.Text = ""
        txtTotal.Text = ""
        txtVAT.Text = ""

        cmbGraphic.SelectedIndex = -1
        cmbMotherB.SelectedIndex = -1
        cmbProcesser.SelectedIndex = -1
        cmbHarddisk.SelectedIndex = -1
        cmbRAM.SelectedIndex = -1

        RichTextBox1.Clear()
        rd10.Checked = False
        rd10.Enabled = False
        rd15.Checked = False
        rd15.Enabled = False


    End Sub

    Private Sub btnClose_Click(sender As Object, e As EventArgs) Handles
btnClose.Click

        Me.Close()

    End Sub

    Private Sub btnStock_Click(sender As Object, e As EventArgs) Handles
btnStock.Click

        Me.Hide()
        Form3.Show()

    End Sub

    Private Sub btnNewUser_Click(sender As Object, e As EventArgs) Handles
btnNewUser.Click
        Me.Hide()
        Form2.Show()

    End Sub

    Private Sub btnSignout_Click(sender As Object, e As EventArgs) Handles
btnSignout.Click
        Me.Hide()
        Form5.Show()
```

```vbnet
    End Sub

    Private Sub rd10_CheckedChanged(sender As Object, e As EventArgs) Handles
rd10.CheckedChanged

        'this ensures that if the radio button is changed after the comput button is
pressed
        'then user has to press the compute button again

        txtDiscount.Text = ""
        txtSub.Text = ""
        txtTotal.Text = ""
        txtVAT.Text = ""
        RichTextBox1.Clear()

    End Sub

    Private Sub rd15_CheckedChanged(sender As Object, e As EventArgs) Handles
rd15.CheckedChanged

        'this ensures that if the radio button is changed after the comput button is
pressed
        'then user has to press the compute button again

        txtDiscount.Text = ""
        txtSub.Text = ""
        txtTotal.Text = ""
        txtVAT.Text = ""
        RichTextBox1.Clear()


    End Sub

    Private Sub txtCustomername_TextChanged(sender As Object, e As EventArgs) Handles
txtCustomername.TextChanged

        'this ensures that if the Name is changed after the comput button is pressed
        'then user has to press the compute button again

        txtDiscount.Text = ""
        txtSub.Text = ""
        txtTotal.Text = ""
        txtVAT.Text = ""
        RichTextBox1.Clear()

    End Sub
End Class
```

NEW USER AND MORE DETAILS FORM


```vbnet
Imports System.IO
Imports System.Data.OleDb
Public Class Form2

    Dim conn As New OleDbConnection
    Dim cmd As OleDbCommand
    Dim gender As String
    Dim image2 As String
```

```vb
    Private Sub Form2_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        'TODO: This line of code loads data into the
'Assignment2DataSet7.Login_details' table. You can move, or remove it, as needed.
        Me.Login_detailsTableAdapter2.Fill(Me.Assignment2DataSet7.Login_details)

        'TODO: This line of code loads data into the
'Assignment2DataSet1.more_details' table. You can move, or remove it, as needed.
        Me.More_detailsTableAdapter.Fill(Me.Assignment2DataSet1.more_details)

        conn.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=C:\Users\keown\Documents\Assignment2.mdb"




    End Sub

    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click

        Try

            gender = ""
            image2 = Path.GetFileName(OpenFileDialog1.FileName)

            If rdMale.Checked = True Then

                gender = "Male"

            ElseIf rdFemale.Checked = True Then

                gender = "Female"

            ElseIf rdFemale.Checked = False And rdMale.Checked = False Then

                MsgBox("Please select a gender")

                Exit Sub

            End If

            'open connection
            conn.Open()

            'do insert operations

            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text

            cmd.CommandText = "INSERT INTO
Login_details([firstname],[lastname],[date_of_birth],[gender],[username],[password],[u
ser_image]) values('" & txtFirstname.Text & "','" & txtLastname.Text & "','" &
txtDate.Text & "', '" & gender & "','" & txtUsername.Text & "','" & txtPassword.Text &
"','" & image2 & "')"

            cmd.ExecuteNonQuery()

            MsgBox("saved")

            conn.Close()

        Catch
```

```vbnet
            MsgBox("An error has occured, Please double check your details")

        End Try

        txtFirstname.Text = ""
        txtLastname.Text = ""
        txtDate.Text = ""
        txtUsername.Text = ""
        txtPassword.Text = ""
        rdFemale.Checked = False
        rdMale.Checked = False
        gender = ""

        Me.Login_detailsTableAdapter2.Fill(Me.Assignment2DataSet7.Login_details)

    End Sub

Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click

        Try

            image2 = Path.GetFileName(OpenFileDialog1.FileName)
            gender = ""

            If rdMale.Checked = True Then

                gender = "Male"

            ElseIf rdFemale.Checked = True Then

                gender = "Female"

            End If

            conn.Open()

            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text

            cmd.CommandText = "update Login_details set [lastname]='" &
txtLastname.Text & "',[date_of_birth]='" & txtDate.Text & "', [gender]='" & gender &
"', [username]='" & txtUsername.Text & "', [password]='" & txtPassword.Text & "',
[user_image]='" & image2 & "' where [firstname]= '" & txtFirstname.Text & "'"

            cmd.ExecuteNonQuery()

            cmd.Dispose()

            conn.Close()

            MsgBox("updated")

        Catch
            MsgBox("An error has occured, Please double check your details")

        End Try

        txtFirstname.Text = ""
        txtLastname.Text = ""
        txtDate.Text = ""
        txtUsername.Text = ""
        txtPassword.Text = ""
```

```vbnet
        rdFemale.Checked = False
        rdMale.Checked = False
        gender = ""

        Me.Login_detailsTableAdapter2.Fill(Me.Assignment2DataSet7.Login_details)
    End Sub

    Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles
btnDelete.Click

        Try

            conn.Open()

            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text

            cmd.CommandText = "Delete from Login_details where [firstname]='" &
txtFirstname.Text & "'"

            cmd.ExecuteNonQuery()
            cmd.Dispose()

            conn.Close()
            MsgBox("deleted")

        Catch
            MsgBox("An error has occured, Please double check your details")

        End Try

        txtFirstname.Text = ""
        txtLastname.Text = ""
        txtDate.Text = ""
        txtUsername.Text = ""
        txtPassword.Text = ""
        rdFemale.Checked = False
        rdMale.Checked = False
        gender = ""

         Me.Login_detailsTableAdapter2.Fill(Me.Assignment2DataSet7.Login_details)
    End Sub

    Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles
btnReset.Click

        txtFirstname.Text = ""
        txtLastname.Text = ""
        txtDate.Text = ""
        txtUsername.Text = ""
        txtPassword.Text = ""
        rdFemale.Checked = False
        rdMale.Checked = False
        gender = ""


    End Sub

Private Sub btnSearch_Click(sender As Object, e As EventArgs) Handles btnSearch.Click

        Me.Login_detailsTableAdapter2.Fill(Me.Assignment2DataSet7.Login_details)

        Dim j, i As Integer
```

```vbnet
            j = DataGridView1.Rows.Count - 1
            i = 0


        While i <= j

            If DataGridView1.Rows(i).Cells(0).Value = txtFirstname.Text Then


                txtLastname.Text = DataGridView1.Rows(i).Cells(1).Value
                txtDate.Text = DataGridView1.Rows(i).Cells(2).Value
                If DataGridView1.Rows(i).Cells(3).Value = "Male" Then
                    rdMale.Checked = True

                ElseIf DataGridView1.Rows(i).Cells(3).Value = "Female" Then

                    rdFemale.Checked = True


                End If
                txtUsername.Text = DataGridView1.Rows(i).Cells(4).Value
                txtPassword.Text = DataGridView1.Rows(i).Cells(5).Value

                Exit While

            ElseIf i = j Then

                MsgBox("Not found")

                i = 0
                Exit While


            End If

            i += 1

        End While


    End Sub

    Private Sub btnAdd2_Click(sender As Object, e As EventArgs) Handles btnAdd2.Click

        Try

            conn.Open()



            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text

            cmd.CommandText = "INSERT INTO
more_details([firstname],[lastname],[address],[contact],[qualification],[net_profit])
values('" & txtName.Text & "','" & txtSurname.Text & "','" & txtAddress.Text & "','" &
txtContact.Text & "','" & txtQual.Text & "','" & txtNet.Text & "')"
            cmd.ExecuteNonQuery()

            cmd.Dispose()

            conn.Close()
```

```vbnet
            MsgBox("Record has been Added")

        Catch

            MsgBox("An error has occured, Please double check your details")

        End Try

        txtName.Text = ""
        txtSurname.Text = ""
        txtAddress.Text = ""
        txtContact.Text = ""
        txtQual.Text = ""
        txtNet.Text = ""

        Me.More_detailsTableAdapter.Fill(Me.Assignment2DataSet1.more_details)

    End Sub

Private Sub btnUpdate2_Click(sender As Object, e As EventArgs) Handles
btnUpdate2.Click

        Try

            conn.Open()

            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text

            cmd.CommandText = "update more_details set [lastname]='" & txtSurname.Text
& "',[address]='" & txtAddress.Text & "',[contact]='" & txtContact.Text &
"',[qualification]='" & txtQual.Text & "',[net_profit]='" & txtNet.Text & "' where
[firstname]='" & txtName.Text & "'"

            cmd.ExecuteNonQuery()
            cmd.Dispose()

            conn.Close()

            MsgBox("Record updated")

        Catch

            MsgBox("An error has occured ,Please double check your details")

        End Try

        txtName.Text = ""
        txtSurname.Text = ""
        txtAddress.Text = ""
        txtContact.Text = ""
        txtQual.Text = ""
        txtNet.Text = ""

        Me.More_detailsTableAdapter.Fill(Me.Assignment2DataSet1.more_details)


    End Sub

    Private Sub DataGridView2_CellContentClick(sender As Object, e As
DataGridViewCellEventArgs) Handles DataGridView2.CellContentClick
```

```vb
            txtName.Text = DataGridView2.CurrentRow.Cells(1).Value
            txtSurname.Text = DataGridView2.CurrentRow.Cells(2).Value
            txtAddress.Text = DataGridView2.CurrentRow.Cells(3).Value
            txtContact.Text = DataGridView2.CurrentRow.Cells(4).Value
            txtQual.Text = DataGridView2.CurrentRow.Cells(5).Value
            txtNet.Text = DataGridView2.CurrentRow.Cells(6).Value


    End Sub

    Private Sub btnDelete2_Click(sender As Object, e As EventArgs) Handles
btnDelete2.Click

        Try

            conn.Open()

            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text

            cmd.CommandText = "Delete from more_details where [firstname]='" &
txtName.Text & "'"

            cmd.ExecuteNonQuery()
            cmd.Dispose()

            conn.Close()

            MsgBox("Record Deleted")

        Catch

            MsgBox("An error has occured ,Please double check your details")

        End Try

        Me.More_detailsTableAdapter.Fill(Me.Assignment2DataSet1.more_details)

    End Sub
Private Sub btnReset2_Click(sender As Object, e As EventArgs) Handles btnReset2.Click

        txtName.Text = ""
        txtSurname.Text = ""
        txtAddress.Text = ""
        txtContact.Text = ""
        txtQual.Text = ""
        txtNet.Text = ""

    End Sub

    Private Sub btnSearch2_Click(sender As Object, e As EventArgs) Handles
btnSearch2.Click

        'This code updates the Data Grid View before the search is conducted

        Me.More_detailsTableAdapter.Fill(Me.Assignment2DataSet1.more_details)

        'this code searches the Data Grid View to see if the corresponding Cell value
matches the search textbox value
        'and extracts the related information and displays it in the textbox
        Dim i, j As Integer
```

```vb
        i = 0
        j = DataGridView2.Rows.Count - 1

        While i <= j

            If txtSearch2.Text = DataGridView2.Rows(i).Cells(1).Value Then

                txtName.Text = DataGridView2.Rows(i).Cells(1).Value
                txtSurname.Text = DataGridView2.Rows(i).Cells(2).Value
                txtAddress.Text = DataGridView2.Rows(i).Cells(3).Value
                txtContact.Text = DataGridView2.Rows(i).Cells(4).Value
                txtQual.Text = DataGridView2.Rows(i).Cells(5).Value
                txtNet.Text = DataGridView2.Rows(i).Cells(6).Value

                MsgBox("Record Found")

                i = 0

                Exit While

            ElseIf i = j Then

                MsgBox("Record not Found")

                i = 0

                Exit While


            End If

            i += 1


        End While


    End Sub

    Private Sub btnNextForm2_Click(sender As Object, e As EventArgs) Handles
btnNextForm2.Click
        Me.Hide()
        Form3.Show()
    End Sub

    Private Sub btnExit2_Click(sender As Object, e As EventArgs) Handles
btnExit2.Click
        Me.Close()
    End Sub

    Private Sub btnNextForm_Click(sender As Object, e As EventArgs) Handles
btnNextForm.Click
        Me.Hide()
        Form3.Show()
    End Sub

    Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
        Me.Close()
    End Sub
```

```vbnet
    Private Sub btnBillingForm2_Click(sender As Object, e As EventArgs) Handles
btnBillingForm2.Click
        Me.Hide()
        Form4.Show()

    End Sub

    Private Sub btnBilling_Click(sender As Object, e As EventArgs) Handles
btnBilling.Click

        Me.Hide()
        Form4.Show()

    End Sub

    Private Sub PictureBox1_Click(sender As Object, e As EventArgs) Handles
PictureBox1.Click

        If OpenFileDialog1.ShowDialog = Windows.Forms.DialogResult.OK Then

            PictureBox1.Image = Image.FromFile(OpenFileDialog1.FileName)

        End If


    End Sub

    Private Sub btnLogout_Click(sender As Object, e As EventArgs) Handles
btnLogout.Click
        Me.Hide()
        Form5.Show()
    End Sub

    Private Sub btnLogout2_Click(sender As Object, e As EventArgs) Handles
btnLogout2.Click

        Me.Hide()
        Form5.Show()


    End Sub
End Class
```

STOCK LIST FORM


```vbnet
Imports System.Data.OleDb
Public Class Form3

    Dim conn As New OleDbConnection
    Dim cmd As OleDbCommand
    Private Sub Form3_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        'TODO: This line of code loads data into the 'Assignment2DataSet6.Stock_list'
table. You can move, or remove it, as needed.
        Me.Stock_listTableAdapter3.Fill(Me.Assignment2DataSet6.Stock_list)

        conn.ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=C:\Users\keown\Documents\Assignment2.mdb"


    End Sub

    Private Sub btnSave_Click(sender As Object, e As EventArgs) Handles btnSave.Click

        Try

            conn.Open()

            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text

            cmd.CommandText = "INSERT INTO
Stock_list([Product_ID],[stock],[type],[size],[price],[quantity],[supplier],[campus])
values('" & txtProductID.Text & "','" & txtStock.Text & "','" & txtType.Text & "','" &
txtSize.Text & "', '" & txtPrice.Text & "','" & txtQuantity.Text & "','" &
txtSupplier.Text & "','" & txtCampus.Text & "')"

            cmd.ExecuteNonQuery()
            cmd.Dispose()
            conn.Close()

            MsgBox("saved")
```

```vbnet
        Catch
            MsgBox("An error has occured ,Please double check your details")

        End Try

        Me.Stock_listTableAdapter3.Fill(Me.Assignment2DataSet6.Stock_list)

        txtProductID.Text = ""
        txtStock.Text = ""
        txtSupplier.Text = ""
        txtType.Text = ""
        txtQuantity.Text = ""
        txtPrice.Text = ""
        txtCampus.Text = ""
        txtSize.Text = ""


    End Sub

    Private Sub btnChange_Click(sender As Object, e As EventArgs) Handles
btnChange.Click

        Try

            conn.Open()

            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text

            cmd.CommandText = "update Stock_list set [stock]='" & txtStock.Text & "',
[type]='" & txtType.Text & "',[size]='" & txtSize.Text & "', [price]='" &
txtPrice.Text & "', [quantity]='" & txtQuantity.Text & "', [supplier]='" &
txtSupplier.Text & "', [campus]='" & txtCampus.Text & "' where [Product_ID]= '" &
txtProductID.Text & "'"

            cmd.ExecuteNonQuery()
            cmd.Dispose()

            conn.Close()

            MsgBox("updated")


        Catch
            MsgBox("An error has occured ,Please double check your details")

        End Try

        Me.Stock_listTableAdapter3.Fill(Me.Assignment2DataSet6.Stock_list)

    End Sub

    Private Sub btnRemove_Click(sender As Object, e As EventArgs) Handles
btnRemove.Click

        Try

            conn.Open()

            cmd = conn.CreateCommand()
            cmd.CommandType = CommandType.Text
```

```vbnet
            cmd.CommandText = "Delete from Stock_list where [Product_ID]='" &
txtProductID.Text & "'"
            cmd.ExecuteNonQuery()
            cmd.Dispose()

            conn.Close()
            MsgBox("deleted")

        Catch
            MsgBox("An error has occured ,Please double check your details")

        End Try



        Me.Stock_listTableAdapter3.Fill(Me.Assignment2DataSet6.Stock_list)

    End Sub

    Private Sub btnFind_Click(sender As Object, e As EventArgs) Handles btnFind.Click

        Me.Stock_listTableAdapter3.Fill(Me.Assignment2DataSet6.Stock_list)



        Dim i, j As Integer

        j = DataGridView1.Rows.Count - 1
        i = 0

        While i <= j

            If DataGridView1.Rows(i).Cells(1).Value = txtFind.Text Then

                txtProductID.Text = DataGridView1.Rows(i).Cells(0).Value
                txtStock.Text = DataGridView1.Rows(i).Cells(1).Value
                txtType.Text = DataGridView1.Rows(i).Cells(2).Value
                txtSize.Text = DataGridView1.Rows(i).Cells(3).Value
                txtPrice.Text = DataGridView1.Rows(i).Cells(4).Value
                txtQuantity.Text = DataGridView1.Rows(i).Cells(5).Value
                txtSupplier.Text = DataGridView1.Rows(i).Cells(6).Value
                txtCampus.Text = DataGridView1.Rows(i).Cells(7).Value

                i = 0

                Exit While

            ElseIf i = j Then

                MsgBox(" not found")
                i = 0


                txtProductID.Text = ""
                txtStock.Text = ""
                txtSupplier.Text = ""
                txtType.Text = ""
                txtQuantity.Text = ""
                txtPrice.Text = ""
                txtCampus.Text = ""
                txtSize.Text = ""
```

```vbnet
                Exit While

            End If


            i += 1

        End While

        txtFind.Text = ""

    End Sub

    Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles
btnReset.Click

        txtProductID.Text = ""
        txtStock.Text = ""
        txtSupplier.Text = ""
        txtType.Text = ""
        txtQuantity.Text = ""
        txtPrice.Text = ""
        txtCampus.Text = ""
        txtSize.Text = ""

    End Sub

    Private Sub btnPrevious_Click(sender As Object, e As EventArgs) Handles
btnPrevious.Click
        Me.Hide()
        Form2.Show()



    End Sub

    Private Sub btnClose_Click(sender As Object, e As EventArgs) Handles
btnClose.Click
        Me.Close()

    End Sub

    Private Sub DataGridView1_CellContentClick(sender As Object, e As
DataGridViewCellEventArgs) Handles DataGridView1.CellContentClick

        ' Allows user to click on cell to display values in the corrosponding
textboxes
        ' Data Grid View set to Read Only

        txtProductID.Text = DataGridView1.CurrentRow.Cells(0).Value
        txtStock.Text = DataGridView1.CurrentRow.Cells(1).Value
        txtType.Text = DataGridView1.CurrentRow.Cells(2).Value
        txtSize.Text = DataGridView1.CurrentRow.Cells(3).Value
        txtPrice.Text = DataGridView1.CurrentRow.Cells(4).Value
        txtQuantity.Text = DataGridView1.CurrentRow.Cells(5).Value
        txtSupplier.Text = DataGridView1.CurrentRow.Cells(6).Value
        txtCampus.Text = DataGridView1.CurrentRow.Cells(7).Value
```

```vbnet
    End Sub

    Private Sub btnBilling_Click(sender As Object, e As EventArgs) Handles
btnBilling.Click

        Me.Hide()
        Form4.Show()
    End Sub

    Private Sub btnSignout_Click(sender As Object, e As EventArgs) Handles
btnSignout.Click
        Me.Hide()
        Form5.Show()

    End Sub
End Class
```