Public Class frmDonorCode
    Inherits System.Windows.Forms.Form
    Dim donorDT As New DataTable
    Dim rowIndx As Integer

    Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim ConnStr As String = "Provider=Microsoft.Jet.OLEDB.4.0" & 
                                "Select * From Donor2000"
        Dim dataAdapter As New OleDb.OleDbDataAdapter(sqiStr, connStr)
        dataAdapter.Fill(donorDT)
        dataAdapter.Dispose()
        FillTextBoxes()
    End Sub

    Sub FillTextBoxes()
        txtIDNo.Text = CStr(donorDT.Rows(rowIndx)("IDNo"))
        txtName.Text = CStr(donorDT.Rows(rowIndx)("DName"))
    End Sub

    Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        If rowIndx < donorDT.Rows.Count - 1 Then
            rowIndx = rowIndx + 1
            FillTextBoxes()
        Else
            rowIndx = 0
            FillTextBoxes()
        End If
    End Sub
End Class
Public Class frmDonorCode
    Inherits System.Windows.Forms.Form
    Dim donorDT As New DataTable
    Dim rowIndx As Integer

    Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Dim ConnStr As String = "Provider=Microsoft.Jet.OLEDB.4.0" & 
        Dim sqlStr As String = "Select * From Donor2000"
        Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, ConnStr)
        dataAdapter.Fill(donorDT)
        dataAdapter.Dispose()
        FillTextBoxes()
    End Sub

    Sub FillTextBoxes()
        txtIDno.Text = CStr(donorDT.Rows(rowIndx)("IDno"))
        txtName.Text = CStr(donorDT.Rows(rowIndx)("DName"))
    End Sub

    Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
        If rowIndx < donorDT.Rows.Count Then
            rowIndx = rowIndx + 1
            FillTextBoxes()
        Else
            rowIndx = 0
            FillTextBoxes()
        End If
    End Sub
End Class
Public Class frmDonorCode
    Inherits System.Windows.Forms.Form
    Dim donorDT As New DataTable
    Dim rowIndx As Integer

    Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Dim sqiStr As String = "Select * From Donor2000"
        Dim dataAdapter As New OleDb.OleDbDataAdapter(sqiStr, connStr)
        dataAdapter.Fill(donorDT)
        dataAdapter.Dispose()
        FillTextBoxes()
    End Sub

    Sub FillTextBoxes()
        txtIDno.Text = CStr(donorDT.Rows(rowIndx)("IDno"))
        txtName.Text = CStr(donorDT.Rows(rowIndx)("DName"))
    End Sub

    Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
        If rowIndx < donorDT.Rows.Count - 1 Then
            rowIndx = rowIndx + 1
            FillTextBoxes()
        Else
            rowIndx = 0
            FillTextboxes()
        End If
    End Sub
End Class
Public Class frmDonorCode

    Inherits System.Windows.Forms.Form

    Dim donorDT As New DataTable
    Dim rowIndx As Integer

    Windows Form Designer generated code

    Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0" \\
        Dim sqIStr As String = "Select * From Donor2000"
        Dim dataAdapter As New OleDb.OleDbDataAdapter(sqiStr, connStr)
        dataAdapter.Fill(donorDT)
        dataAdapter.Dispose()
        FillTextBoxes()
    End Sub

    Private Sub FillTextBoxes()
        txtIDNo.Text = CStr(donorDT.Rows(rowIndx)("IDNo"))
        txtName.Text = CStr(donorDT.Rows(rowIndx)("Name"))
    End Sub

    Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
        If rowIndx < donorDT.Rows.Count - 1 Then
            rowIndx = rowIndx + 1
            FillTextBoxes()
        Else
            rowIndx = 0
            FillTextBoxes()
        End If
    End Sub

End Class
Public Class frmDonorCode
    Inherits System.Windows.Forms.Form
    Dim donorDT As New DataTable
    Dim rowIndx As Integer

    Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Dim connStr As String = "Provider=Micorsoft.Jet.OLDB.4.0; &" & "Data Source = " & My.Application.Info.DirectoryPath & "\donor.mdb"

        Dim sqlStr As String = "Select * from donor0000"
        Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
        dataAdapter.Fill(donorDT)
        dataAdapter.Dispose()
        FillTextBoxes()
    End Sub

    Sub FillTextBoxes()
        txtDID.Text = CStr(donorDT.Rows[rowIndx]("DIdno"))
        txtDNName.Text = CStr(donorDT.Rows[rowIndx]("DNname"))
    End Sub

    Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
        If rowIndx < donorDT.Rows.Count - 1 Then
            rowIndx = rowIndx + 1
            FillTextBoxes()
        Else
            rowIndx = 0
            FillTextBoxes()
        End If
    End Sub

    Dim Donor As String = "38883"
    Dim NancyTaylor As String = "Nancy Taylor"
Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    MsgBox(currpath)
    MsgBox(connStr)
    Dim sqlStr As String = "SELECT Didno, DName FROM Donor2000 WHERE Didno > '22222'"
    Dim sqlStr As String = "SELECT Didno, DName FROM Donor2000 WHERE Didno > '22222'"
    Dim sqlStr As String = "SELECT Didno, DZip from Donor2000 WHERE DZip > '99999'"
    MsgBox(sqlStr)
    Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
    dataAdapter.Fill(donorDT)
    dataAdapter.Dispose()
    FillTextBoxes()
End Sub

Sub FillTextBoxes()()
    txtDidno.Text = CStr(donorDT.Rows(rowIndex)("Didno"))
    txtDName.Text = CStr(donorDT.Rows(rowIndex)("DName"))
End Sub

Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
    If rowIndex < donorDT.Rows.Count - 1 Then
        rowIndex = rowIndex + 1
        FillTextBoxes()
    Else
        rowIndex = 0
        FillTextBoxes()
    End If
End Sub
Private Sub frmDonorCode_Load(sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
  Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & _
    "Data Source =" & curpath & "db\donor.mdb"
  'MsgBox(curpath)
  'MsgBox(connStr)
  Dim sqlStr As String = "Select Didno, DName from Donor2000 where Didno > '22222'"
  'Dim sqlStr As String = "Select Didno, DName from Donor2000 where Didno > '6'" & _
    "'22222'"
  'Dim sqlStr As String = "Select Didno, DZip from Donor2000 where DZip > '6'" & _
    "'02700'"
  MsgBox(sqlStr)
  Dim dataadapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
  dataadapter.Fill(donorDT)
  dataadapter.Dispose()
  FillTextBoxes()
End Sub

Sub FillTextBoxes()
  txtDidno.Text = CStr(donorDT.Rows(rowIndex)("Didno"))
  txtDName.Text = CStr(donorDT.Rows(rowIndex)("DName"))
End Sub

Private Sub btnReadNext_Click(sender As System.Object, ByVal e As System.EventArgs)
  If rowIndex < donorDT.Rows.Count - 1 Then
    rowIndex = rowIndex + 1
    FillTextBoxes()
  Else
    rowIndex = 0
    FillTextBoxes()
End Sub
Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & _
        "Data Source = " & curpath & "\donor.mdb"
    MsgBox(curpath)
    MsgBox(connStr)
    Dim sqlStr As String = "Select DIdno, DName from Donor2000 where DIdno = '22222'"
    Dim sqlStr As String = "Select DIdno, DName from Donor2000 where DIdno = '22222'"
    Dim sqlStr As String = "Select DIdno, DZip from Donor2000 where DZip = '08700'"
    MsgBox(sqlStr)
    Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
    dataAdapter.Fill(donorDT)
    dataAdapter.Dispose()
    FillTextBoxes()
End Sub

Private Sub FillTextBoxes()
    txtDIdno.Text = CStr(donorDT.Rows(rowIndex)("DIdno"))
    txtDName.Text = CStr(donorDT.Rows(rowIndex)("DName"))
End Sub

Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
    If rowIndex < donorDT.Rows.Count - 1 Then
        rowIndex = rowIndex + 1
        FillTextBoxes()
    Else
        rowIndex = 0
        FillTextBoxes()
    End If
1 donor

M donations
Public Class frmTwoTables
    Inherits System.Windows.Forms.Form
    Dim conDonorDB As String
    Dim DonorDS As New DataSet
    Dim sqlDonor As String
    Dim sqlDonation As String
    Dim sqlMatchDonation As String
    Dim revIndex As Integer
    Private Sub frmTwoTables_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        conDonorDB = "Provider=Microsoft.Jet.OLEDB.4.0;" & "Data Source = " & currpath & ""donor.mdb"
        sqlDonor = "Select Didno, DName from Donor2000"
        sqlDonation = "Select Didno, DDriveNo, DateCont, DirtCont from Donation2000 order by Didno""n
        Dim daDonor As New OleDb.OleDbDataAdapter(sqlDonor, conDonorDB)
        Dim daDonation As New OleDb.OleDbDataAdapter(sqlDonation, conDonorDB)
        daDonor.Fill(donorDS, "Donor2000")
        daDonation.Fill(donationDS, "Donation2000")
        FillTextBoxes()
        dgvDonation.DataSource = donationDS.Tables(1)
        daDonor.Dispose()
        daDonation.Dispose()
    End Sub
    Sub FillTextBoxes()
        txtDidno.Text = CStr(donorDS.Tables(0).Rows(revIndex)("Didno"))
        txtDName.Text = CStr(donorDS.Tables(0).Rows(revIndex)("DName"))
    End Sub
Private Sub btnNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnNext.Click
If rowIndex < donorDS.Tables(0).Rows.Count - 1 Then
    rowIndex = rowIndex + 1
    FillTextBoxes()
Else
    rowIndex = 0
    FillTextBoxes()
End If
End Sub

Private Sub btnMatch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnMatch.Click
Dim RowFilter As String = "DIdno = " & txtIdno.Text & ""
Dim dvDonation As DataView = New DataView(donorDS.Tables("Donations2003"), _
    RowFilter, "DIdno", DataViewRowState.CurrentRows)
dgvDonation.DataSource = dvDonation
End Sub

Private Sub btnPrevious_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnPrevious.Click
If rowIndex = 0 Then
    FillTextBoxes()
Else
    rowIndex = rowIndex - 1
    FillTextBoxes()
End If
End Sub
Private Sub btnNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnNext.Click
If rowIndex < donorDS.Tables(0).Rows.Count - 1 Then
    rowIndex = rowIndex + 1
    FillTextboxes()
Else
    rowIndex = 0
    FillTextboxes()
End If
End Sub

Private Sub btnMatch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnMatch.Click
Dim RowFilter As String = "IDno = " & txtIDno.Text & ""
Dim dvDonation As DataView = New DataView(donorDS.Tables("Donation2003"), RowFilter, "IDno", DataViewRowState.CurrentRows)
dgvDonation.DataSource = dvDonation
End Sub

Private Sub btnPrevious_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnPrevious.Click
If rowIndex = 0 Then
    FillTextboxes()
Else
    rowIndex = rowIndex - 1
    FillTextboxes()
End If
End Sub
End Class
Private Sub btnNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnNext.Click
    If rowIdx < donorDS.Tables(0).Rows.Count - 1 Then
        rowIdx = rowIdx + 1
        FillTextBoxes()
    Else
        rowIdx = 0
        FillTextBoxes()
    End If
End Sub

Private Sub btnMatch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnMatch.Click
    Dim RowFilter As String = "" & txtDidac.Text & ""
    Dim dvdDonation As DataView = New DataView(donorDS.Tables("Donations2009"), RowFilter, "Didac", DataViewRowState.CurrentRows)
    Dim dvdDonation As DataView = New DataView(donorDS.Tables("Donation2009"), RowFilter, "Didac", DataViewRowState.CurrentRows)
    dgvDonation.DataSource = dvdDonation
End Sub

Private Sub btnPrevious_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnPrevious.Click
    If rowIdx = 0 Then
        FillTextBoxes()
    Else
        rowIdx = rowIdx - 1
        FillTextBoxes()
    End If
End Sub
Private Sub btnNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnNext.Click
    If rowIndex < donorDS.Tables(0).Rows.Count - 1 Then
        rowIndex = rowIndex + 1
        FillTextboxes()
    Else
        rowIndex = 0
        FillTextboxes()
    End If
End Sub

Private Sub btnMatch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnMatch.Click
    Dim RowFilter As String = "DonationID = " & txtDonationID.Text & ""
    Dim dvoDonation As DataView = New DataView(donorDS.Tables("Donation").RowFilter, RowFilter, New DataRowView(donorDS.Tables("Donation").CurrentRows))
    dgvDonation.DataSource = dvoDonation
End Sub

Private Sub btnPrevious_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnPrevious.Click
    If rowIndex = 0 Then
        FillTextboxes()
    Else
        rowIndex = rowIndex - 1
        FillTextboxes()
    End If
End Sub
Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0; & _
  "Data Source = " & curpath & ";Donor.mdb"
Dim sqlStr As String = "Select * from DonorDT"
Dim dataadapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
dataadapter.Fill(donorDT)
dataadapter.Dispose()
FillTextBoxes()
End Sub

Sub FillTextBoxes()  
txtIDme.Text = CStr(donorDT("ID").Value)
Name.Text = CStr(donorDT("Name").Value)
End Sub

Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click  
If rowIndex < donorDT.Rows.Count Then  
  rowIndex = rowIndex + 1
  FillTextBoxes()
Else  
  rowIndex = 0
  FillTextBoxes()
End If
End Sub

Private Sub btnFind_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnFind.Click  
Dim searchIndex As Integer
Dim toFindName As String
Dim foundName As Boolean = False

ToFindName = InputBox("Enter name you are searching for", "Search")
Do While searchIndex < donorDT.Rows.Count And foundName = False
End Do

Title: Apr 26-1:25 PM (26 of 34)
Private Sub btnFind_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnFind.Click
    Dim searchIndex As Integer
    Dim toFindName As String
    Dim foundName As Boolean = False
    toFindName = InputBox("Enter name you are searching for", "Search")
    Do While searchIndex < donoCDT.Rows.Count And foundName = False
        If CSvr(donoCDT.Rows(searchIndex)("DName")) = toFindName Then
            foundName = True
            searchIndex = searchIndex
        Else
            searchIndex = searchIndex + 1
        End If
    Loop
    If foundName = True Then
        FillTextBooks()
    Else
        txtDIdmc.Text = ""
        txtDName.Text = "Name Not Found"
    End If
End Sub
Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
    If rowIndex < donorDT.Rows.Count - 1 Then
        rowIndex = rowIndex + 1
        FillTextBoxes()
    Else
        rowIndex = 0
        FillTextBoxes()
    End If
End Sub

Private Sub btnFind_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnFind.Click
    Dim searchIndex As Integer
    Dim toFindName As String
    Dim foundName As Boolean = False
    Dim foundName As String = InputBox("Enter name you are searching for", "Find Name")
    Do While searchIndex < donorDT.Rows.Count - 1
        If CStr(donorDT.Rows(searchIndex)("Name")) = toFindName Then
            foundName = True
            rowName = searchIndex
            searchIndex = searchIndex + 1
        Else
            searchIndex = searchIndex + 1
        End If
        Loop
    If foundName = True Then
        FillTextBoxes()
    Else
        txtIdNo.Text = """TextBox Not Found"
        End If
End Sub
Select __________ from T1, T2, where __________

Quiz on VB and ADO

Problem #1: Use the program called problem1 in the zipped files for this question. Modify it so it uses a dataset instead of a table. You will still only use one table in the dataset. Also go in and change the background color and the font color for both the regular cells and the selected cells. For example you might go beige and green for the regular cells and gray and red for the selected cell.

Problem #2: Use the program called problem 2 in the zipped files for this question. Modify it so the grid will show the ItemNo, ItemName and VendorNo from the Item table and the Company from the Vendor table.

Problem #3: Use the program called problem 3 in the zipped files for this question. I want you to eliminate the currency manager and modify this program so that you fill the text boxes and you navigate through the records with code you write.

Problem #4: Write a program to take in the ItemNo, ItemName and VendorNo from the item table and the name of the Company that the VendorNo is associated with from the vendor table and show them in text boxes. You should be able to navigate through with the next button (put in others if you like). The output should be displayed in ItemNo sequence.
AllDonor_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    Dim connectionString As String = "Provider=Microsoft.Jet.OLEDB.4.0;"
    Dim dbPath As String = "C:\VB05\VB05\Access2000\donor.mdb"
    Dim db As New OleDb.OleDbDataAdapter(query, connectionString)
Donor Drive Donation

```
1Donor
 = Windows.Forms.Form
    As String
    As New DataSet

Private Sub m1AllDonor_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    Dim con As New OleDb.OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0" & 
    "Data Source = C:\VB\VB6\VB6\Access2000\donor.mdb"
    Fill(dsDonateDB)
    .DataSource = dsDonateDB.Tables(0)
```
cm.EventArgs Handles MyBase.Load

Public Class frmAllDonor
    Inherits System.Windows.Forms.Form
    Dim conDonorDB As String
    Dim sqlDonor As String
    Dim dsDonorDB As New DataSet

    Private Sub frmAllDonor_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        conDonorDB = "Provider=Microsoft.Jet.OLEDB.4.0;" & "Data Source = C:\VBver16\VB98\Access2000\donor.mdb"
        sqlDonor = "Select DName, SubrName, DonorCount from Donor2000, Donation2000, Drive2000 Where Donor2000.IDDon = Donor2000.IDDon"
        dsDonorDB = New OleDb.OleDbDataAdapter(sqlDonor, conDonorDB)
        dsDonorDB.Fill(dsDonorDB)
        dgDonorDB.DataSource = dsDonorDB.Tables(0)
    End Sub
End Class