Public Class frmTree
    Dim currNGry As CurrencyManager
    Dim treesDS As New DataSet
    Dim nRowID As Integer

    Private Sub frmTree_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 & "\InventTree.mdb"
        Dim sqlStr As String = "Select ItemNo, ItemName, Cost, Price From Tree"
        Dim dataadapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
        dataadapter.Fill(treesDS)
        dataadapter.Dispose()
        FillTextBoxes()
    End Sub

    Sub FillTextBoxes()
        txtItemNo.DataBindings.Add(New Binding("Text", treesDS.Tables(0), "ItemNo"))
        txtItemName.DataBindings.Add(New Binding("Text", treesDS.Tables(0), "ItemName"))
        txtCost.DataBindings.Add(New Binding("Text", treesDS.Tables(0), "Cost"))
        txtPrice.DataBindings.Add(New Binding("Text", treesDS.Tables(0), "Price"))
        currNGry = CType(Me.BindingContext(treesDS.Tables(0)), CurrencyManager)
    End Sub

    Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
        currNGry.Position += 1
    End Sub

    Private Sub btnFirst_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnFirst.Click
        currNGry.Position = 0
    End Sub

    Private Sub btnPrev_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnPrev.Click
        currNGry.Position -= 1
    End Sub
Private Sub btnReadNew_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles currMng.Position += 1
End Sub

Private Sub btnFirst_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles currMng.Position = 0
End Sub

Private Sub btnPrev_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles currMng.Position -= 1
End Sub

Private Sub btnLast_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles currMng.Position = currMng.Count - 1
End Sub

Dim sqlStr As String = "SELECT ItemNo, ItemName, Cost, Price From InvenTable WHERE ItemNo = ": itemNo"
Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, con)
dataAdapter.Fill(trees)
dataAdapter.Dispose()
FillTextBoxes()
End Sub

Sub FillTextBoxes()
    Dim itemNo As Integer
    itemNo = CInt(itemNo)
    Dim sqlStr As String = "SELECT ItemNo, ItemName, Cost, Price From InvenTable WHERE ItemNo = ": itemNo"
    Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, con)
    dataAdapter.Fill(trees)
    dataAdapter.Dispose()
    FillTextBoxes()
End Sub
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 cells.

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 Tree 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 tree 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 the records with the next button (put in others if you like). The output should be displayed in ItemNo sequence.
Public Class frmTwoTables
    Inherits System.Windows.Forms.Form
    Dim conDonorDS As String
    Dim donorDS As New Dataset
    Dim sqlDonor As String
    Dim sqlDonation As String
    Dim sqlMatchDonation As String
    Dim rowIndex As Integer
End Class

Private Sub frmTwoTables_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    conDonor = "Provider=Microsoft.OleDb.OLEDB.4.0;" & "Data Source = " & currpath & "\"donor.mdb"
    sqlDonor = "Select DName, Dname from donor2000"
    sqlDonation = "Select Dino, DDriveNo, DBate, DDonDate, DAmount from Donation"
    Dim dabdonor As New OleDb.OleDbDataAdapter(sqlDonor, conDonor)
    Dim dabDonation As New OleDb.OleDbDataAdapter(sqlDonation, conDonor)
    dabDonor.Fill(donorDS, "Donor2000")
    dabDonation.Fill(donorDS, "Donation2000")
    FillTextBoxes()
    dgvDonation.DataSource = donorDS.Tables(1)
    daDonor.Dispose()
    daDonation.Dispose()
End Sub

Sub FillTextBoxes()...
SELECT itemno, company, tree.vendorno from tree, vendor
where tree.vendorno = vendor.vendorno;