Private Sub btnCheckCPA_Click(sender As System.Object, e As System.EventArgs) Handles btnCheckCPA.Click
Dim lowCPA As Decimal
Dim highCPA As Decimal

lowCPA = InputBox("You will be entering the CPA range, enter the low end here")
highCPA = InputBox("Now, enter the high end here")

sqlStr = "Select * from table where CPA > " & lowCPA & " and CPA < " & highCPA
Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, conStr)
dataAdapter.Fill(stmt)
dataAdapter.Dispose()
End Sub

Private Sub btnCheckMajor_Click(sender As System.Object, e As System.EventArgs) Handles btnCheckMajor.Click
Dim theMajor As String

sqlStr = "Select " from table where major = " & theMajor & ""
Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, conStr)
dataAdapter.Fill(stmt)
dataAdapter.Dispose()
End Sub

Private Sub btnEnter_Click(sender As System.Object, e As System.EventArgs) Handles btnEnter.Click
Dim lowCPA As Decimal
Dim highCPA As Decimal
Dim theMajor As String

theMajor = InputBox("Please enter the major you want")

lowCPA = InputBox("You will be entering the CPA range, enter the low end here")
highCPA = InputBox("Now, enter the high end here")

sqlStr = "Select " from table where major = " & theMajor & " and (CPA < " & lowCPA & " or CPA > " & highCPA & ")"
Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, conStr)
dataAdapter.Fill(stmt)
dataAdapter.Dispose()
End Sub
null
c156Apr1613.notebook

April 16, 2013

```vbnet
Private Sub tblchkmajor_Click(sender As System.Object, e As System.EventArgs) Handles tblchkmajor.Click
    Dim tblmajortxt As String
    Dim query As String
    tblmajortxt = InputBox("Please enter the major you want")
    query = queryString17 + "AND Major = '" & tblmajortxt & "'
    Dim conn As New SqlConnection("Data Source=.
    ;Initial Catalog=MyDB;User ID=sa;Password=*
    Dim da As New SqlDataAdapter(query, conn)
    Dim ds As New DataSet
    da.Fill(ds)
    dgv1.DataSource = ds.Tables(0)
End Sub

Private Sub tblchecky_Click(sender As System.Object, e As System.EventArgs) Handles tblchecky.Click
    Dim tblmajortxt As String
    Dim query As String
    tblmajortxt = InputBox("Please enter the major you want")
    query = queryString17 + "AND Major = '" & tblmajortxt & "'
    Dim conn As New SqlConnection("Data Source=.
    ;Initial Catalog=MyDB;User ID=sa;Password=*
    Dim da As New SqlDataAdapter(query, conn)
    Dim ds As New DataSet
    da.Fill(ds)
    dgv1.DataSource = ds.Tables(0)
End Sub
```
Private Sub fndMajor_Click(sender As System.Object, e As System.EventArgs) Handles fndMajor.Click
Dim theMajor As String
theMajor = InputBox("Please enter the major you want")
Dim cmd As New SqlCommand("Select * from tablestu where major = "+ theMajor, con)  
Dim da As New SqlDataAdapter(cmd)
Dim ds As New DataTable
da.Fill(ds)
End Sub

Private Sub fndGPA_Click(sender As System.Object, e As System.EventArgs) Handles fndGPA.Click
Dim lowGPA As Decimal
Dim highGPA As Decimal
lowGPA = InputBox("Lower GPA range, enter the low end here")
highGPA = InputBox("Now, enter the high end here")
Dim cmd2 As New SqlCommand("Select * from tablestu where GPA between "+ lowGPA + " and "+ highGPA, con)  
Dim da2 As New SqlDataAdapter(cmd2)
Dim ds2 As New DataTable
da2.Fill(ds2)
End Sub
```csharp
Private Sub InsNewMajor_Click(sender As System.Object, e As System.EventArgs) Handles InsNewMajor.Click
    Dim theMajor As String
    theMajor = InputBox("Please enter the major you want")
    sqlQ = "Select * from table1 where major = "+ theMajor + " and GPA between 2.0 and 4.0" "
    MsgBox(sqlQ)
    Dim command As New System.Data.SqlClient.SqlCommand(sqlQ, con) ' Create the Command Object
    command.CommandType = CommandType.Text ' Set the Command Type
    Dim adapter As New System.Data.SqlClient.SqlDataAdapter(command) ' Create a DataAdapter Object
    adapter.Fill(stud) ' Fill the dataset using the adapter
    DsAdapter() ' Call a method to bind the dataset to the data grid
End Sub
```
Asked class to do CI and one GPA check.
Inserting records using code generated from wizard.
Two steps: impact Dataset and then change the Database.
Changes worked.