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<thead>
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<th>Course</th>
<th>Section</th>
<th>Credits</th>
<th>Title</th>
<th>Days</th>
<th>Start Time</th>
<th>End Time</th>
<th>Instructor(s)</th>
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<tr>
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<td>09/04-12/14</td>
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<td>Igor Kholodov (P)</td>
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<td>09/04-12/14</td>
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<tr>
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<td>23</td>
<td>09/04-12/21</td>
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</table>
We are working on this in class so there is a lot of time between talking and not a lot of slides.

Employee Project Table
- Employee Number - primary key (part 1)
- Project Number - primary key (part 2)
- Date - primary key (part 3)
- Hours employee worked on the project

The primary key is composed of the three fields taken together. Notice that the only piece of data on this table that is not part of the Employee Project Table is the hours employee worked on the project. The rules of third normal form says that data has to all relate to the primary key (or in this case all of the parts of the primary key). This follows the rule. The hours worked are for a particular employee, working on a particular project on a particular date.

I now have my four tables:
Employee Table
- Employee Number - primary key
- Employee Name
- Salary
- Tax percent withheld
- Medical withheld
- Other deductions withheld
- Department Number

Department Table
- Department Number - primary key
- Department Name

Project Table
- Project Number - primary key
- Project Name
- Project Manager
hours employee worked on the project. The rules of third normal form says that data has to all relate to the primary key (or in this case all of the parts of the primary key). This follows the rule. The hours worked are for a particular employee, working on a particular project on a particular date.

I now have my four tables:

**Employee Table**
- Employee Number - primary key
- Employee Name
- Salary
- Tax percent withheld
- Medical withheld
- Other deductions withheld
- Department Number

**Department Table**
- Department Number - primary key
- Department Name

**Project Table**
- Project Number - primary key
- Project Name
- Project Manager

**EmployeeProject Table**
- Employee Number - primary key (part 1)
- Project Number - primary key (part 2)
- Date - primary key (part 3)
- Hours employee worked on the project
Linked fields should have the same type and size.
Creating a payroll project: Most Visited

Employee Table
- Employee Number - primary key
- Employee Name
- Salary
- Tax percent withheld
- Medical withheld
- Other deductions withheld
- Department Number

Department Table
- Department Number - primary key
- Department Name

Project Table
- Project Number - primary key
- Project Name
- Project Manager

EmployeeProject Table
- Employee Number - primary key (part 1)
- Project Number - primary key (part 2)
- Date - primary key (part 3)
- Hours employee worked on the project
### Lists and Loops (chap #5)
- inputVal.zip
- useBoxes.zip
- basicLoops.zip
- diffBoxes.zip
- GuessGames2010.zip

### Procedures and functions (chap #6)
- firstProcedures.7z
- firstFunctions.7z

### Multiple forms, modules and menus (chap #7)
- basicMultiForms.zip
- menuGrades.zip

### Arrays (chap #8)
- introArray.zip
- calcArray.zip
- moreArrays.zip

### Files (chap #9)
- ReadVB2010.zip
- writeVB2010.zip

### ADO using Access 2010 - writing code
- DonorFormSQL12.zip OR DonorFormSQL12.zip
- bookADO.zip OR bookADO.zip
- ADOcurr12.zip OR ADOcurr12.zip
- VBGird12.zip OR VBGird12.zip
- bindonclick12.zip
- combineWithSQL.zip
- SQLdiffcode12.zip
- DonortwoTables12.zip
- TowGrids12.zip (should have been Two...)

Send e-mail to Mrs. Grocer: Priscilla.Grocer@bristolcc.edu

Back to the Top
Public Class frm2grid

    Dim conDonorDB As String
    Dim donorDS As New DataSet
    Dim sqlDonor As String
    Dim sqlDonation As String
    Dim sqlMatchDonation As String
    Dim rowIdx As Integer

    Private Sub frm2grid_Load(sender As System.Object, e As System.EventArgs) Handles Form.Load
        conDonorDB = "Provider=Microsoft.Jet.OLEDB.4.0;" & currpath & "& currpath & "& Donor.accdb"
        sqlDonor = "Select DIdno, DName, DCity, DBstate from Donor2000"
        sqlDonation = "Select DIdno, DName, DCity, DBstate from Donor2000"
        sqlMatchDonation = "Select DIdno, DName, DCity, DBstate from Donor2000"
        Dim daDonor As New OleDb.OleDbDataAdapter(sqlDonor, conDonorDB)
        Dim daDonation As New OleDb.OleDbDataAdapter(sqlDonation, conDonorDB)
        daDonor.Fill(donorDS, "Donor2000")
        daDonation.Fill(donorDS, "Donation2000")
        grdDonor.DataSource = donorDS.Tables(0)
        grdDonation.DataSource = donorDS.Tables(1)
    End Sub

    Private Sub btnProcess_Click(sender As System.Object, e As System.EventArgs) Handles Button2.Click
        Dim currDonor As String
        currDonor = InputBox("Enter number for donor", "Donor")
        Dim RowFilter As String = "DIdno =" & currDonor & ";"
        Dim dvDonation As DataView = New DataView(donorDS.Tables("Donation2000"), RowFilter, "DIdno", DataViewRowState.CurrentRows)
        grdDonation.DataSource = dvDonation
    End Sub

End Class
There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.
<table>
<thead>
<tr>
<th>projno</th>
<th>projname</th>
<th>projmang</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>Update</td>
<td>Smith</td>
</tr>
<tr>
<td>222</td>
<td>Whatever</td>
<td>Jones</td>
</tr>
<tr>
<td>333</td>
<td>Maintenance</td>
<td>Costa</td>
</tr>
<tr>
<td>empno</td>
<td>projno</td>
<td>datewk</td>
</tr>
<tr>
<td>-------</td>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td>11111</td>
<td>111</td>
<td>4/3/2012</td>
</tr>
<tr>
<td>22222</td>
<td>222</td>
<td>4/2/2012</td>
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<tr>
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<td>33333</td>
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<td>3/14/2012</td>
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<tr>
<td>44444</td>
<td>111</td>
<td>4/5/2012</td>
</tr>
<tr>
<td>55555</td>
<td>333</td>
<td>4/6/2012</td>
</tr>
</tbody>
</table>
`Public Class frmCombine
    Dim conDonorDB As String
    Dim sqlDonor As String
    'Dim dsDonorDB As New DataSet
    Dim dtDonor As New DataTable

    Private Sub frmCombine_Load(sender As System.Object, e As System.EventArgs) Handles MyBase.Load
        conDonorDB = "Provider=Microsoft.ACE.OLEDB.12.0;" & "Data Source = " & currpath & "\"{donor.accdb}"
        sqlDonor = "Select DName, DDriveName, DAmountCont From Donor2000, Donation2000 Where Donor2000." & "'sqlDonor = "Select " From Donor2000"
        Dim daDonorDB As New OLEDB.OleDbDataAdapter(sqlDonor, conDonorDB)
        daDonorDB.Fill(dsDonorDB)
        dsDonorDB.Fill(dtDonor)
        'dgdDonorDB.DataSource = dsDonorDB.Tables(0)
        dgdDonorDB.DataSource = dtDonor
    End Sub

End Class

Combine

<table>
<thead>
<tr>
<th>DName</th>
<th>DDriveName</th>
<th>DAmountCont</th>
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</thead>
<tbody>
<tr>
<td>Mary Wilson</td>
<td>Children's Drive</td>
<td>1000</td>
</tr>
<tr>
<td>John Doe</td>
<td>Children's Drive</td>
<td>1200</td>
</tr>
<tr>
<td>John Doe</td>
<td>Lunch Drive</td>
<td>500</td>
</tr>
<tr>
<td>Mary Wilson</td>
<td>Children's Drive</td>
<td>500</td>
</tr>
<tr>
<td>Nancy Taylor</td>
<td>Children's Drive</td>
<td>600</td>
</tr>
<tr>
<td>Nancy Taylor</td>
<td>Lunch Drive</td>
<td>1000</td>
</tr>
<tr>
<td>Nancy Taylor</td>
<td>Shelter Drive</td>
<td>100</td>
</tr>
<tr>
<td>Robert Brooks</td>
<td>Children's Drive</td>
<td>500</td>
</tr>
<tr>
<td>Robert Brooks</td>
<td>Lunch Drive</td>
<td>1000</td>
</tr>
</tbody>
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