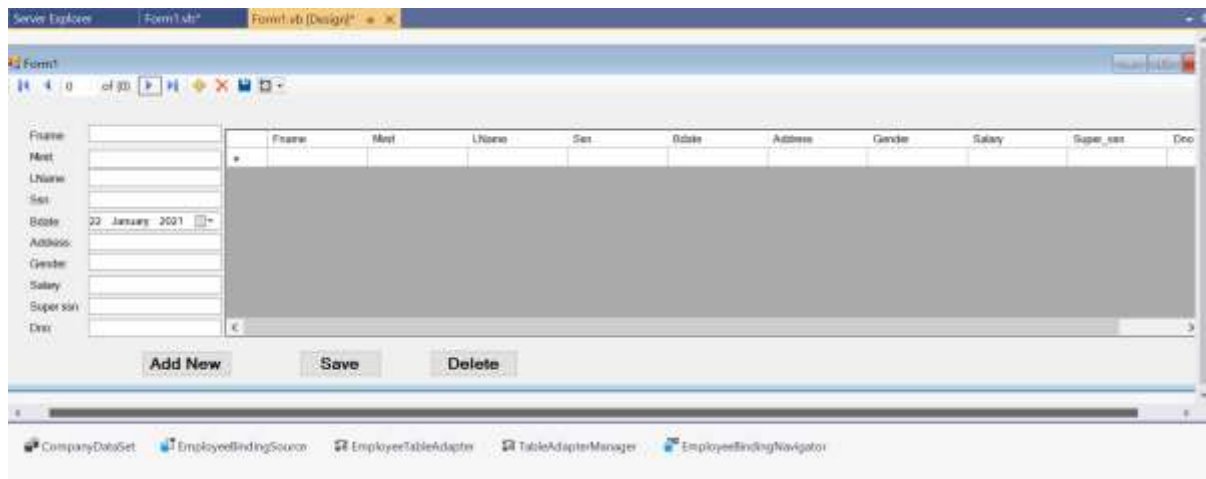


Experiment: Database Connectivity with MS Access



Program:

Public Class Form1

Private Sub EmployeeBindingNavigatorSaveItem_Click(sender As Object, e

As EventArgs) Handles EmployeeBindingNavigatorSaveItem.Click

Me.Validate()

Me.EmployeeBindingSource.EndEdit()

Me.TableAdapterManager.UpdateAll(Me.CompanyDataSet)

End Sub

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

'TODO: This line of code loads data into the

'CompanyDataSet.Employee' table. You can move, or remove it, as needed.

Me.EmployeeTableAdapter.Fill(Me.CompanyDataSet.Employee)

End Sub

Private Sub Button1_Click_1(sender As Object, e As EventArgs) Handles Button1.Click

EmployeeBindingSource.AddNew()

End Sub

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

EmployeeBindingSource.RemoveCurrent()

End Sub

Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click

Try

EmployeeBindingSource.EndEdit()

```
EmployeeTableAdapter.Update(CompanyDataSet.Employee)
```

```
MessageBox.Show("Data Saved")
```

```
Catch ex As Exception
```

```
MessageBox.Show("Error occurred while saving data " )
```

```
End Try
```

```
End Sub
```

```
End Class
```

Output:

The screenshot displays a Windows Forms application titled "Form1". On the left, there is a panel with input fields for employee data: First Name (James), Last Name (E), Salary (888665555), Birth Date (10 November 1937), Address (Houston, TX), Gender (M), Supervisor (55000), and Division (1). Below these fields are three buttons: "Add New", "Save", and "Delete". On the right, a data grid displays employee information. The grid has columns for First Name, Last Name, Salary, Birth Date, Address, Gender, Supervisor, and Division. The data is as follows:

First Name	Last Name	Salary	Birth Date	Address	Gender	Supervisor	Division
John	B. Smith	123456789	09-01-1965	Houston, TX	M	323445555	5
Franklin	T. Wong	333445555	08-12-1955	Houston, TX	M	888665555	5
Alicia	J. Zelaya	999887777	19-01-1968	Spring, TX	F	987654321	4
Jennifer	S. Wallace	987654321	20-06-1941	Bellare	F	888665555	4
Ramesh	K. Narayanan	666884444	15-09-1962	Humble, TX	M	333445555	5
Joyce	A. English	453453453	31-07-1972	Houston, TX	F	333445555	5
Ahmed	V. Jabbar	987987907	29-03-1969	Houston, TX	M	987654321	4
James	E. Borg	888665555	10-11-1937	Houston, TX	M	55000	1