

Disconnected Web

➤ Form design:

Employee Details

Employee no:

Name:

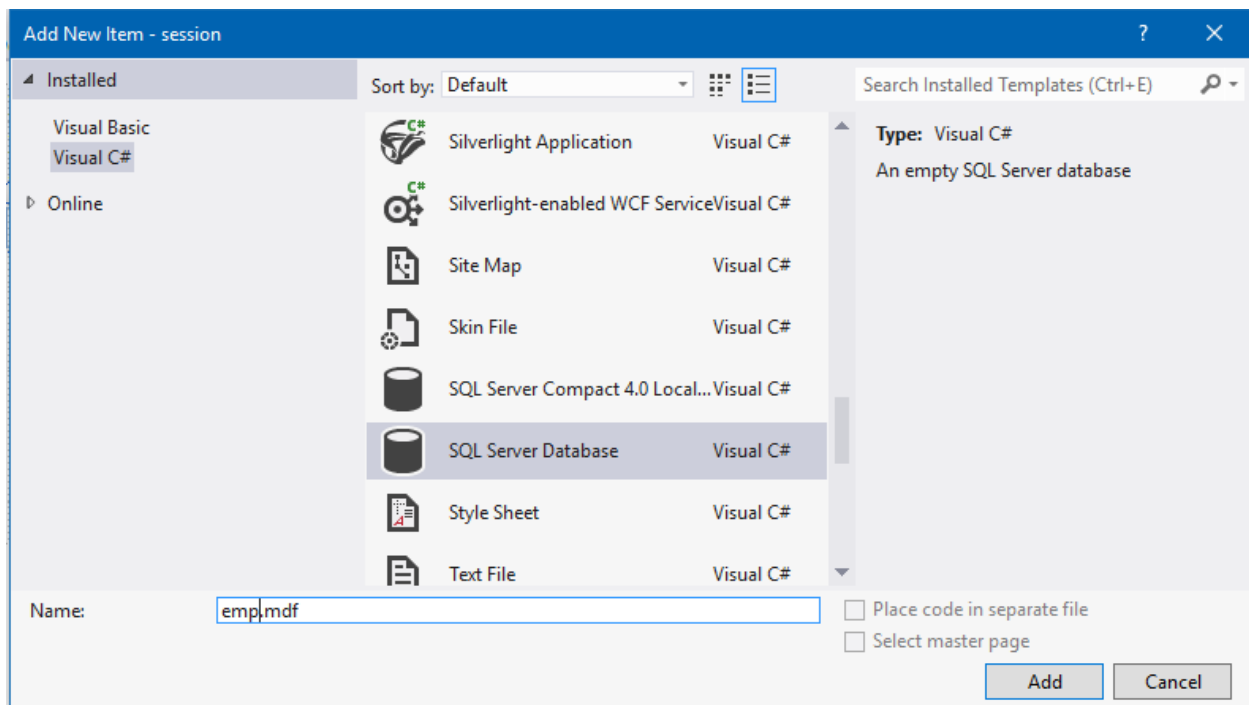
Job:

Salary:

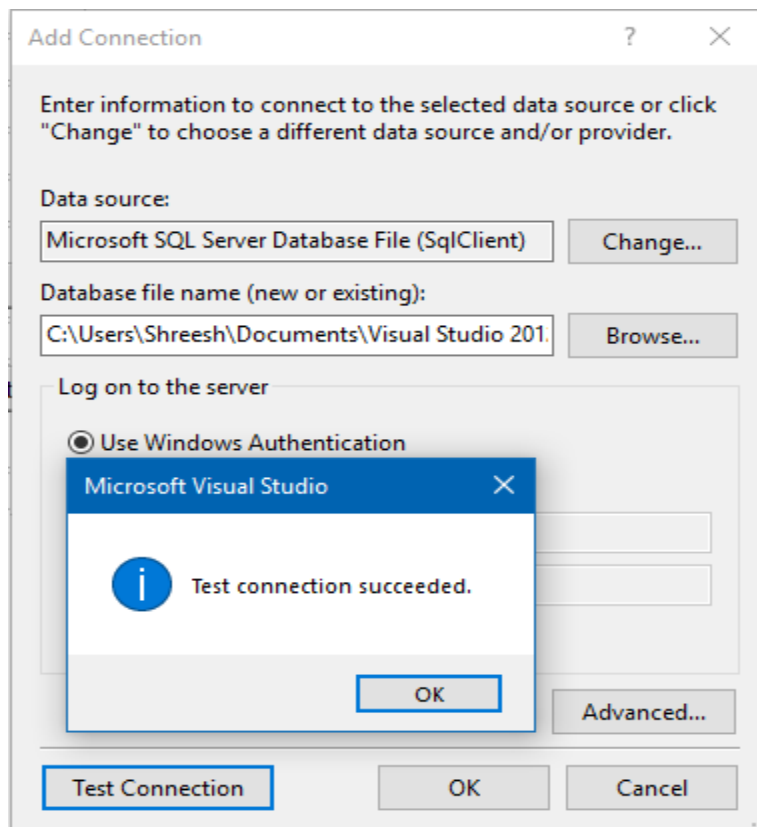
<< < > >>

New Edit Save Update Delete

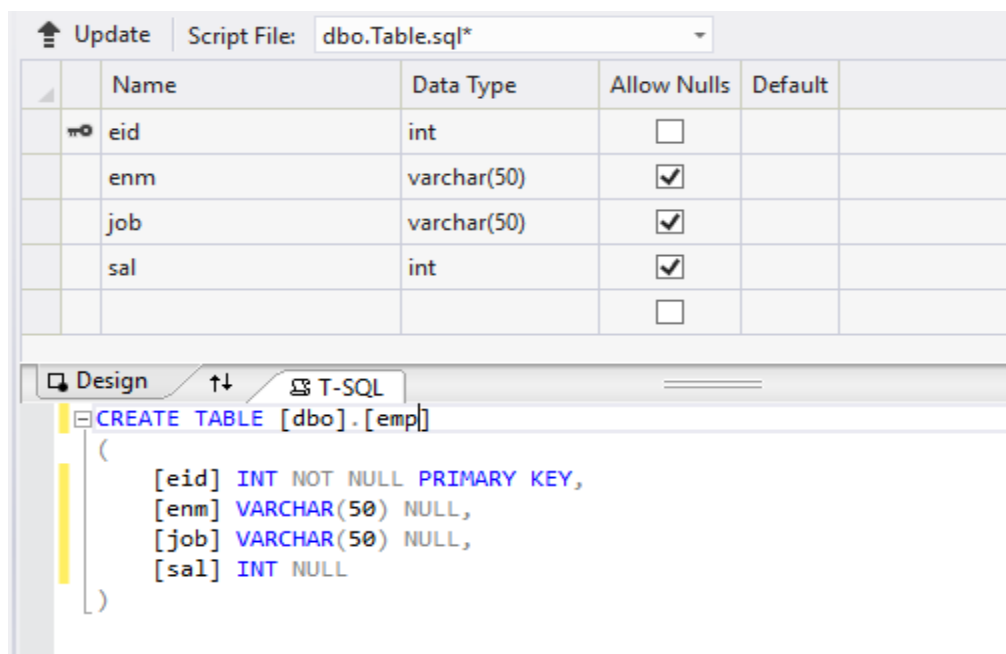
➤ Add new Database(emp):



➤ **Connect Database to application:**



➤ **Make emp table in database:**



➤ **Add records in table:**

| eid | enm | job | sal |
|------|-------|------------|-------|
| 1 | ram | assitant | 12000 |
| 2 | sham | operator | 10000 |
| 3 | priti | programmer | 15000 |
| NULL | NULL | NULL | NULL |

➤ **Add connection string in web.config:**

```
<configuration>
<connectionStrings>
  <add name="con" connectionString="Data
Source=(LocalDB)\v11.0;AttachDbFilename=C:\Users\Shreesh\Documents\Visual Studio
2012\WebSites\session\App_Data\emp.mdf;Integrated Security=True;Connect Timeout=30" />
</connectionStrings>
</configuration>
```

Form run:

Employee Details

Employee no:

Name:

Job:

Salary:

< > >> >>

Form load and header files:

```
using System.Data.SqlClient;
using System.Configuration;
using System.Data;
```

```
SqlConnection con;
SqlCommand cmd;
SqlDataAdapter da;
DataSet ds = new DataSet();
SqlCommandBuilder cmb;
DataRow dr;
static int i;
int t;
protected void Page_Load(object sender, EventArgs e)
{
    con = new SqlConnection(ConfigurationManager.ConnectionStrings["con"].ToString());
    cmd = new SqlCommand("select * from emp", con);
    da = new SqlDataAdapter(cmd);
    da.Fill(ds, "abc");
    t = ds.Tables["abc"].Rows.Count;
    display();
    TextBox1.Enabled = false;
    TextBox2.Enabled = false;
    TextBox3.Enabled = false;
    TextBox4.Enabled = false;
}
```

```
public void display()
{
    dr = ds.Tables["abc"].Rows[i];
    TextBox1.Text = dr.ItemArray.GetValue(0).ToString();
    TextBox2.Text = dr.ItemArray.GetValue(1).ToString();
    TextBox3.Text = dr.ItemArray.GetValue(2).ToString();
    TextBox4.Text = dr.ItemArray.GetValue(3).ToString();
}
```

➤ **First record:**

Employee Details

| | |
|--------------|---------------------------------------|
| Employee no: | <input type="text" value="1"/> |
| Name: | <input type="text" value="ram"/> |
| Job: | <input type="text" value="assitant"/> |
| Salary: | <input type="text" value="12000"/> |

| | | | |
|--|--------------------------------------|--------------------------------------|--|
| <input type="button" value=" <<"/> | <input type="button" value=" <"/> | <input type="button" value=" >"/> | <input type="button" value=" >>"/> |
|--|--------------------------------------|--------------------------------------|--|

| | | | | |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| <input type="button" value="New"/> | <input type="button" value="Edit"/> | <input type="button" value="Save"/> | <input type="button" value="Update"/> | <input type="button" value="Delete"/> |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|

Code:

```
protected void Button1_Click(object sender, EventArgs e)
{
    i = 0;
    display();
}
```

Previous record:

Employee Details

| | |
|--------------|---------------------------------------|
| Employee no: | <input type="text" value="3"/> |
| Name: | <input type="text" value="priti"/> |
| Job: | <input type="text" value="operator"/> |
| Salary: | <input type="text" value="10000"/> |

| | | | |
|--|--------------------------------------|--------------------------------------|--|
| <input type="button" value=" <<"/> | <input type="button" value=" <"/> | <input type="button" value=" >"/> | <input type="button" value=" >>"/> |
|--|--------------------------------------|--------------------------------------|--|

| | | | | |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| <input type="button" value="New"/> | <input type="button" value="Edit"/> | <input type="button" value="Save"/> | <input type="button" value="Update"/> | <input type="button" value="Delete"/> |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|

Code:

```
if (i == 0)
{
    i = 0;
```

```

Label5.Visible = true;
Label5.Text="This is the first record";
}
else
{
    i = i - 1;
    display();
}

```

➤ **Next record:**

Employee Details

| | |
|--------------|------------------------------------|
| Employee no: | <input type="text" value="4"/> |
| Name: | <input type="text" value="baban"/> |
| Job: | <input type="text" value="admin"/> |
| Salary: | <input type="text" value="20000"/> |

| | | | |
|--|--------------------------------------|--------------------------------------|--|
| <input type="button" value=" <<"/> | <input type="button" value=" <"/> | <input type="button" value=" >"/> | <input type="button" value=" >>"/> |
|--|--------------------------------------|--------------------------------------|--|

| | | | | |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| <input type="button" value="New"/> | <input type="button" value="Edit"/> | <input type="button" value="Save"/> | <input type="button" value="Update"/> | <input type="button" value="Delete"/> |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|

Code:

```

if (i == t - 1)
{
    i = t - 1;
    Label5.Visible = true;
    Label5.Text="This is the last record";
}
else
{
    i = i + 1;
    display();
}

```

➤ **Last record:**

Employee Details

| | |
|--------------|------------------------------------|
| Employee no: | <input type="text" value="5"/> |
| Name: | <input type="text" value="sneha"/> |
| Job: | <input type="text" value="admin"/> |
| Salary: | <input type="text" value="18000"/> |

| | | | |
|---|-------------------------------------|-------------------------------------|---|
| <input type="button" value="<<"/> | <input type="button" value="<"/> | <input type="button" value=">"/> | <input type="button" value=">>"/> |
|---|-------------------------------------|-------------------------------------|---|

| | | | | |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| <input type="button" value="New"/> | <input type="button" value="Edit"/> | <input type="button" value="Save"/> | <input type="button" value="Update"/> | <input type="button" value="Delete"/> |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|

Code:

```
protected void Button4_Click(object sender, EventArgs e)
{
    i = t - 1;
    display();
}
```

➤ **New button:**

Employee Details

| | |
|--------------|----------------------|
| Employee no: | <input type="text"/> |
| Name: | <input type="text"/> |
| Job: | <input type="text"/> |
| Salary: | <input type="text"/> |

| | | | |
|---|-------------------------------------|-------------------------------------|---|
| <input type="button" value="<<"/> | <input type="button" value="<"/> | <input type="button" value=">"/> | <input type="button" value=">>"/> |
|---|-------------------------------------|-------------------------------------|---|

| | | | | |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| <input type="button" value="New"/> | <input type="button" value="Edit"/> | <input type="button" value="Save"/> | <input type="button" value="Update"/> | <input type="button" value="Delete"/> |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|

Code:

```
protected void Button5_Click(object sender, EventArgs e)
{

    TextBox1.Enabled = true;
```

```

        TextBox2.Enabled = true;
        TextBox3.Enabled = true;
        TextBox4.Enabled = true;
        TextBox1.Text = "";
        TextBox2.Text = "";
        TextBox3.Text = "";
        TextBox4.Text = "";
        Button6.Enabled = false;
        Button7.Enabled = true;
        Button8.Enabled = false;
    }

```

➤ **Save button:**

Employee Details

| | |
|--------------|----------|
| Employee no: | 4 |
| Name: | karishma |
| Job: | operator |
| Salary: | 10000 |

1 record inserted successfully

Code:

```

protected void Button7_Click(object sender, EventArgs e)
{
    dr = ds.Tables["emp"].NewRow();
    dr["eid"] = TextBox1.Text;
    dr["enm"] = TextBox2.Text;
    dr["job"] = TextBox3.Text;
    dr["sal"] = TextBox4.Text;
    ds.Tables["emp"].Rows.Add(dr);
    cmb = new SqlCommandBuilder(da);
    da = cmb.DataAdapter;
    da.Update(ds, "emp");
}

```



```

Label5.Visible = true;
Label5.Text="1 record inserted successfully";
Button7.Enabled = false;
Button6.Enabled = true;
Button9.Enabled = true;
TextBox1.Text = "";
TextBox2.Text = "";
TextBox3.Text = "";
TextBox4.Text = "";
TextBox1.Focus();
display();
}

```

➤ **Edit button:**

Employee Details

| | |
|--------------|---------------------------------------|
| Employee no: | <input type="text" value="3"/> |
| Name: | <input type="text" value="priti"/> |
| Job: | <input type="text" value="operator"/> |
| Salary: | <input type="text" value="10000"/> |

| | | | |
|--|--------------------------------------|--------------------------------------|--|
| <input type="button" value=" <<"/> | <input type="button" value=" <"/> | <input type="button" value=" >"/> | <input type="button" value=" >>"/> |
|--|--------------------------------------|--------------------------------------|--|

| | | | | |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| <input type="button" value="New"/> | <input type="button" value="Edit"/> | <input type="button" value="Save"/> | <input type="button" value="Update"/> | <input type="button" value="Delete"/> |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|

Code:

```

protected void Button6_Click(object sender, EventArgs e)
{
    TextBox2.Enabled = true;
    TextBox3.Enabled = true;
    TextBox4.Enabled = true;
    Button5.Enabled = false;
    Button7.Enabled = false;
    Button8.Enabled = true;
}

```

➤ **Update button:**

Employee Details

| | |
|--------------|------------------------------------|
| Employee no: | <input type="text" value="5"/> |
| Name: | <input type="text" value="sneha"/> |
| Job: | <input type="text" value="admin"/> |
| Salary: | <input type="text" value="18000"/> |

| | | | |
|---|-------------------------------------|-------------------------------------|---|
| <input type="button" value="<<"/> | <input type="button" value="<"/> | <input type="button" value=">"/> | <input type="button" value=">>"/> |
|---|-------------------------------------|-------------------------------------|---|

| | | | | |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| <input type="button" value="New"/> | <input type="button" value="Edit"/> | <input type="button" value="Save"/> | <input type="button" value="Update"/> | <input type="button" value="Delete"/> |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|

1 record updated

Code:

```
protected void Button8_Click(object sender, EventArgs e)
{
    cmb = new SqlCommandBuilder(da);
    dr = ds.Tables["emp"].Rows[i];
    dr[1] = TextBox2.Text;
    dr[2] = TextBox3.Text;
    dr[3] = TextBox4.Text;
    da.Update(ds.Tables["emp"].ToString());
    Button8.Enabled = false;
    Button7.Enabled = true;
    Button5.Enabled = true;
    Label5.Visible = true;
    Label5.Text="1 record updated";
    display();
}
```

➤ **Delete button:**

Employee Details

| | |
|--------------|---------------------------------------|
| Employee no: | <input type="text" value="1"/> |
| Name: | <input type="text" value="ram"/> |
| Job: | <input type="text" value="assitant"/> |
| Salary: | <input type="text" value="12000"/> |

| | | | |
|---|-------------------------------------|-------------------------------------|---|
| <input type="button" value="<<"/> | <input type="button" value="<"/> | <input type="button" value=">"/> | <input type="button" value=">>"/> |
|---|-------------------------------------|-------------------------------------|---|

| | | | | |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| <input type="button" value="New"/> | <input type="button" value="Edit"/> | <input type="button" value="Save"/> | <input type="button" value="Update"/> | <input type="button" value="Delete"/> |
|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|

1 record deleted

Code:

```
protected void Button9_Click(object sender, EventArgs e)
{
    cmb = new SqlCommandBuilder(da);

    ds.Tables["emp"].Rows[i].Delete();
    t--;
    i = 0;
    da.Update(ds.Tables["emp"]);
    Label5.Visible = true;
    Label5.Text="1 record deleted";
    display();
}
```