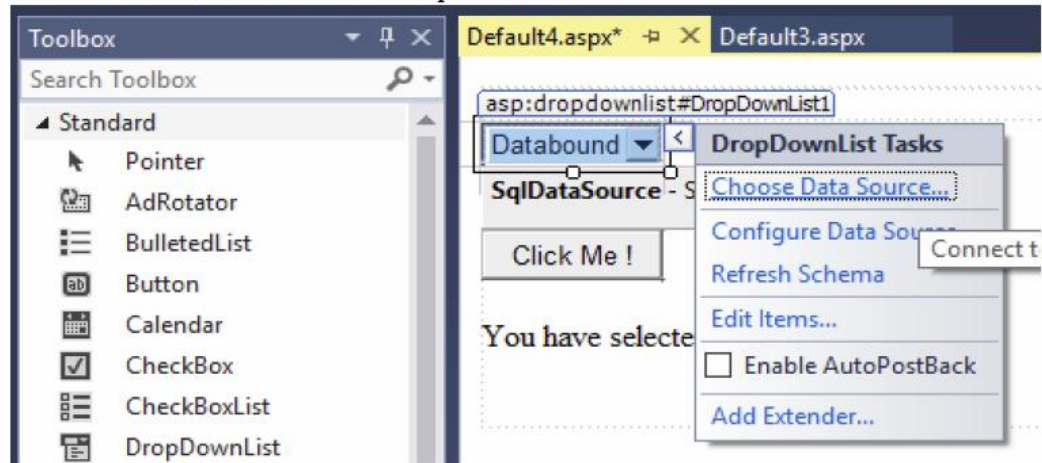**Practical 7 (a): Create a web application to display Databinding using Dropdownlist control.**

1. Create a web page with DropDownList control, one Button and one Label control.
2. Use code to bind the data to DropDownList.

Or with Code also we can achieve the same thing.
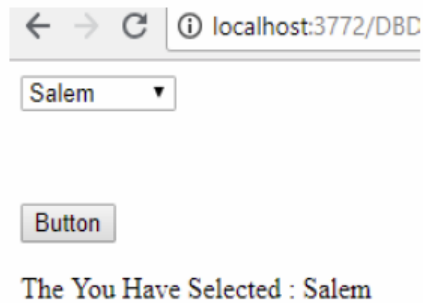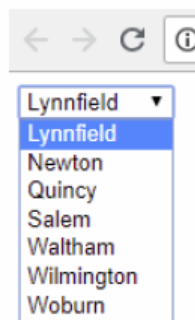

Code of C# Code behind file

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;
using System.Configuration;
public partial class DBDropDown : System.Web.UI.Page
{
protected void Page_Load(object sender, EventArgs e)
{
if (IsPostBack == false)
{
string connStr =
ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
SqlConnection con = new SqlConnection(connStr);
SqlCommand cmd = new SqlCommand("Select Distinct City from Customer", con);
```

```
con.Open();
SqlDataReader reader = cmd.ExecuteReader();
DropDownList1.DataSource = reader;
DropDownList1.DataTextField = "City";
DropDownList1.DataBind();
reader.Close();
con.Close();
}
}
protected void Button1_Click(object sender, EventArgs e)
{
Label1.Text = "The You Have Selected : " + DropDownList1.SelectedValue;
}
}
```
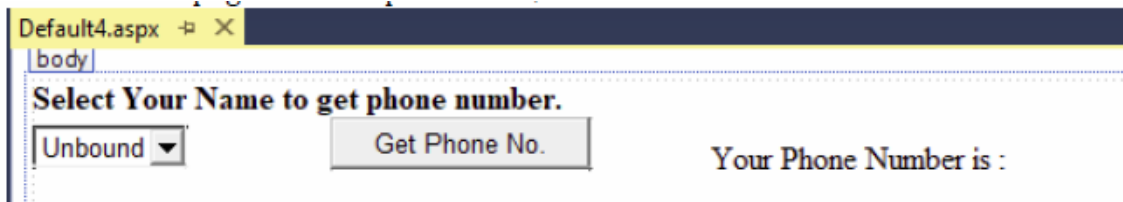
Output:

Practical 7 (b): Create a web application for to display the Postal Code no of Customer using database.

Create a web page with DropDownList, Button and with Label control as shown below.

Code of C# Code behind file
```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;
using System.Configuration;
public partial class PostalCodeByCity : System.Web.UI.Page
{
protected void Button1_Click(object sender, EventArgs e)
{
Label1.Text = ListBox1.SelectedValue;
}
protected void Page_Load(object sender, EventArgs e)
{
if (IsPostBack == false)
{
string connStr =
ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
SqlConnection con = new SqlConnection(connStr);
SqlCommand cmd = new SqlCommand("Select Distinct POSTAL_CODE from Customer",
con);
con.Open();

SqlDataReader reader = cmd.ExecuteReader();
ListBox1.DataSource = reader;
ListBox1.DataTextField = "City";
ListBox1.DataValueField = "POSTAL_CODE";
ListBox1.DataBind();
reader.Close();
con.Close();
}
}
}
```
Output:

Practical 7 (c): Create a web application for inserting and deleting record from a database. (Using Execute-Non Query).
Create a web page with TextBox, and Two Button and one Label control as shown below. And follow the database related steps same as it is in previous examples.

Code of C# Code behind file
```
using System;
using System.Collections.Generic;

using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;
using System.Configuration;
public partial class ExecuteNonQuery : System.Web.UI.Page
{
protected void Button1_Click(object sender, EventArgs e)
{
string connStr = ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
SqlConnection con = new SqlConnection(connStr);
string InsertQuery = "insert into BRANCH values(@ADDRESS, @CITY, @NAME, @STATE,@ZIP_CODE)";
SqlCommand cmd = new SqlCommand(InsertQuery, con);
```

```csharp
cmd.Parameters.AddWithValue("@ADDRESS", TextBox1.Text);
cmd.Parameters.AddWithValue("@CITY", TextBox2.Text);
cmd.Parameters.AddWithValue("@NAME", TextBox3.Text);
cmd.Parameters.AddWithValue("@STATE", TextBox4.Text);
cmd.Parameters.AddWithValue("@ZIP_CODE", TextBox5.Text);
con.Open();
cmd.ExecuteNonQuery();
Label1.Text = "Record Inserted Successfuly.";
con.Close();
}
protected void Button2_Click(object sender, EventArgs e)
{
string connStr = ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
SqlConnection con = new SqlConnection(connStr);
string InsertQuery = "delete from branch where NAME=@NAME";
SqlCommand cmd = new SqlCommand(InsertQuery, con);
cmd.Parameters.AddWithValue("@NAME", TextBox1.Text);
con.Open( );
cmd.ExecuteNonQuery( );
Label1.Text = "Record Deleted Successfuly.";
con.Close( );
}
}
```