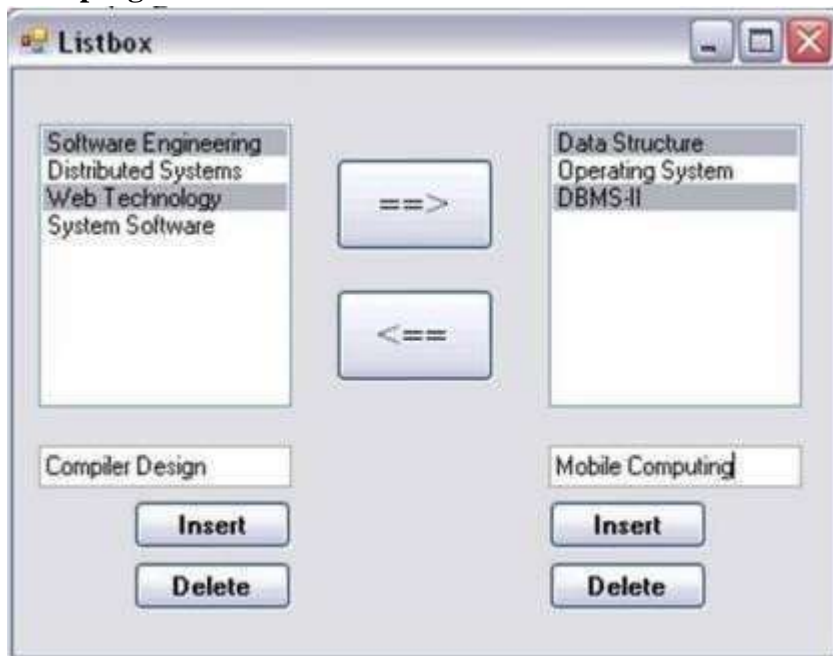# Practical-7

Write a program to demonstrate use of ListBox.

The form should contain List boxes, Text boxes, and buttons as displayed. - You should be able to select multiple values from list box. The multiple selected values can be shifted in another list box as displayed.

Input:

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace Practical7
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
```

```csharp
}

private void listBox1_SelectedIndexChanged(object sender, EventArgs e)
{
    listBox1.SelectionMode = SelectionMode.MultiExtended;
}

private void listBox2_SelectedIndexChanged(object sender, EventArgs e)
{
    listBox2.SelectionMode = SelectionMode.MultiExtended;
}

private void button1_Click(object sender, EventArgs e)
{
    for (int i = 0; i < listBox1.SelectedItems.Count;)
    {
        listBox2.Items.Add(listBox1.SelectedItems[i]);
        listBox1.Items.Remove(listBox1.SelectedItems[i]);
    }
}

private void button2_Click(object sender, EventArgs e)
{
    for(int i = 0; i < listBox2.SelectedItems.Count; )
    {
        listBox1.Items.Add(listBox2.SelectedItems[i]);
        listBox2.Items.Remove(listBox2.SelectedItems[i]);
    }
}

private void button3_Click(object sender, EventArgs e)
{
    for (int i = 0; i< listBox1.SelectedItems.Count;)
    {
        listBox1.Items.Remove(listBox1.SelectedItems[i]);
    }
}

private void button4_Click(object sender, EventArgs e)
{
    listBox1.Items.Clear();
}

private void button5_Click(object sender, EventArgs e)
{
    for (int i = 0; i < listBox2.SelectedItems.Count;)
    {
        listBox2.Items.Remove(listBox2.SelectedItems[i]);
    }
}

private void button6_Click(object sender, EventArgs e)
```

```
        {
            listBox2.Items.Clear();
        }

        private void textBox1_TextChanged(object sender, EventArgs e)
        {

        }

        private void textBox2_TextChanged(object sender, EventArgs e)
        {

        }

        private void button7_Click(object sender, EventArgs e)
        {
            if(textBox1.Text != "")
            {
                string new_item = textBox1.Text;
                listBox1.Items.Add(new_item);
                textBox1.Clear();
            }
        }

        private void button8_Click(object sender, EventArgs e)
        {
            if(textBox2.Text != "")
            {
                string new_item = textBox2.Text;
                listBox2.Items.Add(new_item);
                textBox2.Clear();
            }
        }
    }
}
```

Output:
Add text

Delete text

Swap text