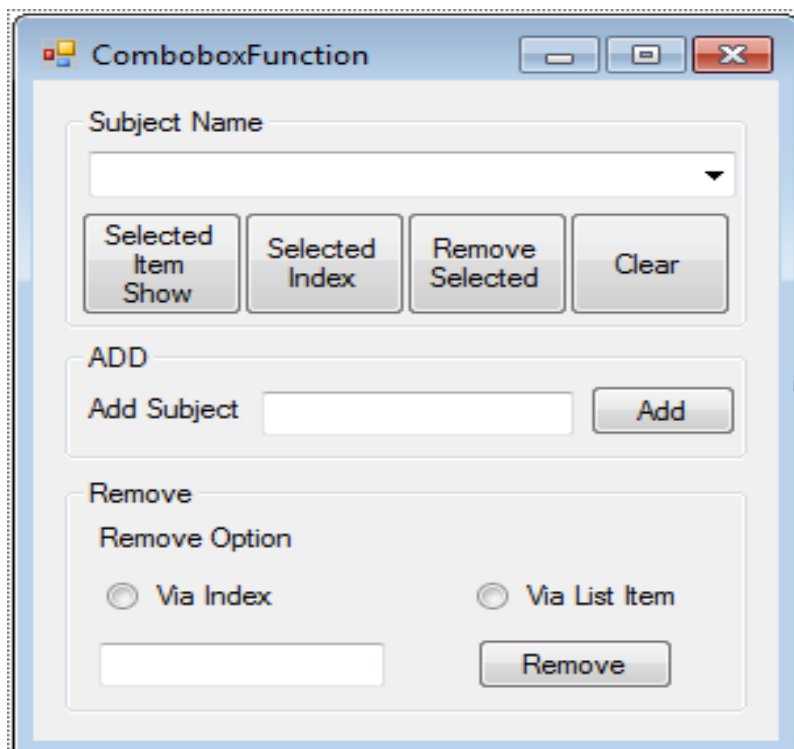**Lecture # 7:**

Objective:

- Combo-box
- Picture Box
- Dialog Result
- Color Dialog
- Open File Dialog

COMBOBOX:


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

namespace COMBOBOX
{
    public partial class Form1 : Form
    {
        public Form1()
        {
```

```csharp
        InitializeComponent();
    }

    private void groupBox1_Enter(object sender, EventArgs e)
    {

    }

    private void btnRemove_Click(object sender, EventArgs e)
    {
        if (txtRemove.Text != string.Empty)
        {
            if (rdobtnIndex.Checked)
            {
                try
                {
                    int ehIndex = int.Parse(txtRemove.Text);
                    cmbxSubject.Items.RemoveAt(ehIndex);
                }
                catch (Exception)
                {

                    MessageBox.Show("Index should be numeric");
                    return;
                }
            }
            else
            {
                cmbxSubject.Items.Remove(txtRemove.Text);
            }
        }
    }

    private void txtExit_Click(object sender, EventArgs e)
    {
        Application.Exit();
    }

    private void btnShowSelected_Click(object sender, EventArgs e)
    {
        if (cmbxSubject.SelectedIndex == -1)
        {
            MessageBox.Show("No Element is selected");
            cmbxSubject.Focus();
        }
        else
        {
            MessageBox.Show(cmbxSubject.SelectedItem.ToString());
        }
    }

    private void btnShowIndex_Click(object sender, EventArgs e)
    {
        if (cmbxSubject.SelectedIndex == -1)
        {
            MessageBox.Show("No Element is selected");
            cmbxSubject.Focus();
```

```csharp
            }
            else
            {
                MessageBox.Show(cmbxSubject.SelectedIndex.ToString());
            }
        }

        private void btnRemoveItem_Click(object sender, EventArgs e)
        {
            if (cmbxSubject.SelectedIndex == -1)
            {
                MessageBox.Show("No Element is selected");
                cmbxSubject.Focus();
            }
            else
            {

cmbxSubject.Items.Remove(cmbxSubject.SelectedItem.ToString());
            }
        }

        private void btnClear_Click(object sender, EventArgs e)
        {
            cmbxSubject.Items.Clear();
        }

        private void btnAdd_Click(object sender, EventArgs e)
        {
            if (txtAdd.Text == string.Empty)
            {
                MessageBox.Show("No element to be added");
                txtAdd.Focus();
            }
            else
            {
                cmbxSubject.Items.Add(txtAdd.Text);
            }
        }
    }
}
```
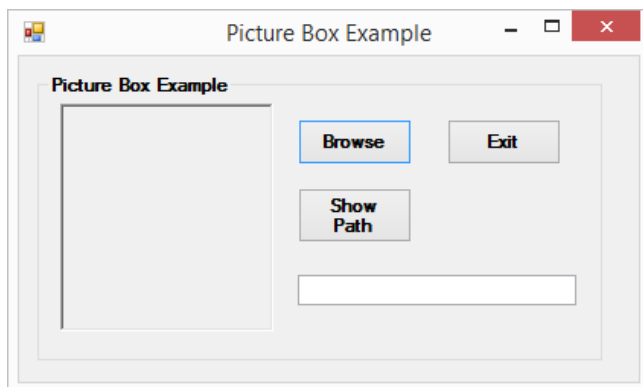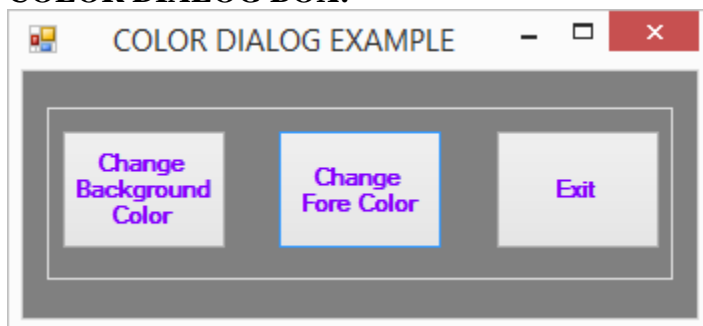
PICTURE BOX:

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

namespace COMBOBOX
{
    public partial class pICTUREBOX : Form
    {
        public pICTUREBOX()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            DialogResult dr = openFileDialog1.ShowDialog();
            if (dr == DialogResult.OK)
            {
                pbx.Image = Image.FromFile(openFileDialog1.FileName);
            }

        }

        private void btnExit_Click(object sender, EventArgs e)
        {
            Application.Exit();
        }

        private void btnPath_Click(object sender, EventArgs e)
        {
            if (pbx.Image != null)
            {
                txtPath.Text = openFileDialog1.FileName;
            }
        }
    }
}
```

COLOR DIALOG BOX:

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

namespace COMBOBOX
{
    public partial class COLORDIALOG : Form
    {
        public COLORDIALOG()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            DialogResult dr = colorDialog1.ShowDialog();
            if (dr == DialogResult.OK)
            {
                this.BackColor = colorDialog1.Color;
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            DialogResult dr = colorDialog1.ShowDialog();
            if (dr == DialogResult.OK)
            {
                this.ForeColor = colorDialog1.Color;
            }
        }

        private void button3_Click(object sender, EventArgs e)
        {
            Application.Exit();
        }
    }
}
```