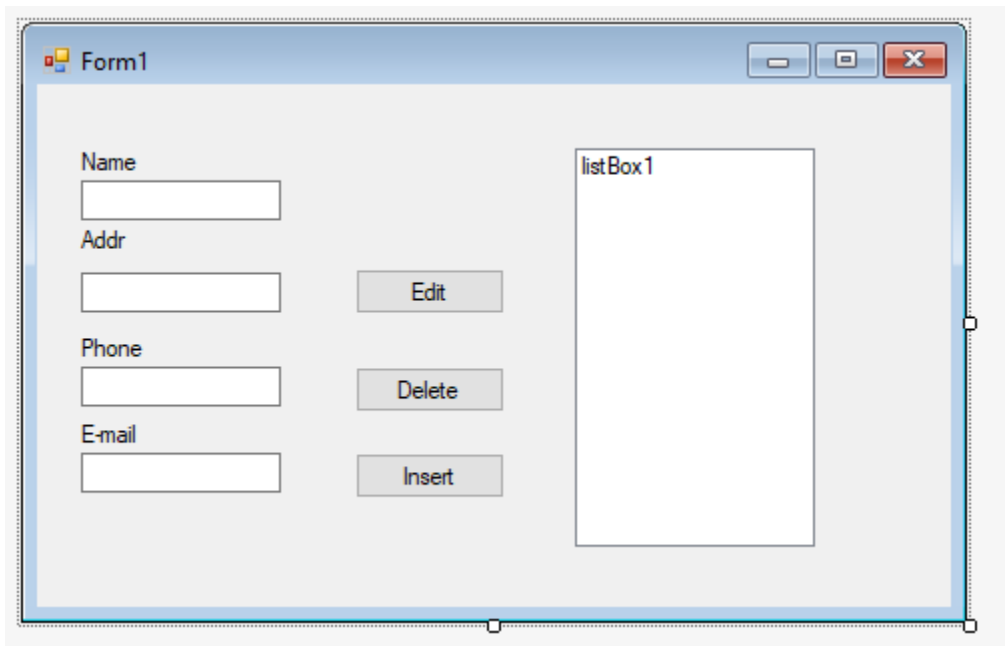


2A file based database v1



```
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;
using System.IO; // this is the class for filehandling

namespace _2A_win_file_db_2 // the project
{
    public partial class Form1 : Form // Class for Form1
    {
        public Form1() // The start function, runs every time the
        {
            // program is startet
            InitializeComponent(); // makes the Form
            upd_listb(); // update the listbox
        }

        private void button1_Click(object sender, EventArgs e)
        {
            // The insert button
            if (maskedTextBox1.Text != "") // See if textbox 1 is empty
            {
                StreamWriter sw = new StreamWriter("file.txt", true); //append tilføj
                sw.Write(maskedTextBox1.Text); // name
                sw.Write(","); // separate by comma
                sw.Write(maskedTextBox2.Text); // addr
                sw.Write(","); // separate by comma
                sw.Write(maskedTextBox3.Text); // phone
                sw.Write(","); // separate by comma
                sw.WriteLine(maskedTextBox4.Text); // e-mail
                sw.Close(); // close the file after use
            }
        }
    }
}
```

```

        listBox1.Items.Add(maskedTextBox1.Text); // copy name to listbox
        maskedTextBox1.Text = ""; // empty the textbox
        maskedTextBox2.Text = ""; // empty the textbox
        maskedTextBox3.Text = ""; // empty the textbox
        maskedTextBox4.Text = ""; // empty the textbox
    }
}

private void listBox1_SelectedIndexChanged(object sender, EventArgs e)
{
    // search a member by selecting in the listbox
    StreamReader sr = new StreamReader("file.txt"); // read file
    string anything;
    while((anything=sr.ReadLine())!=null) // read while data available
    {
        string[] s_array = anything.Split(','); // split the string by comma
        if(listBox1.SelectedItem.ToString()==s_array[0]) // if name == the selected
from the listbox
        {
            maskedTextBox1.Text = s_array[0]; // name to the textbox
            maskedTextBox2.Text = s_array[1]; // addr to the textbox
            maskedTextBox3.Text = s_array[2]; // phone to the textbox
            maskedTextBox4.Text = s_array[3]; // e-mail to the textbox
        }
    }
    sr.Close(); // close the file after use
}

private void button2_Click(object sender, EventArgs e)
{
    // the delete button
    StreamReader sr = new StreamReader("file.txt"); // open file for read
    StreamWriter sw = new StreamWriter("temp.txt"); // open temp file for write
    string str;
    while((str=sr.ReadLine())!=null) // read file while data available
    {
        string[] s = str.Split(','); // split by comma
        if(maskedTextBox1.Text!=s[0]) // if name not equal textbox1.text
        {
            sw.WriteLine(str); // Write the whole line to temp file
        }
    }
    sr.Close(); // close the reading file.
    sw.Close(); // close the writing file. (the temp file)
    File.Delete("file.txt"); // delete the originale file.
    File.Move("temp.txt", "file.txt"); // rename temp tile to file.txt
    upd_listb(); // update the listbox
}

private void button3_Click(object sender, EventArgs e)
{
    // The edit button
    int index=0; // we are selecting by index, now we can even change the name
    StreamReader sr = new StreamReader("file.txt"); // open file for reading
    StreamWriter sw = new StreamWriter("temp.txt"); // open temp file for writing
    string str; // declare a variable of type string
    while ((str = sr.ReadLine()) != null) // read file while data available
    {
        string[] s = str.Split(','); // Split the line by comma

```

