

Desktop Application Code

Felix & Leon Weingartner

Welcome! Below listed is all the code used in our desktop application. *No* templates were used. The application was created in Microsoft Visual Studio as our IDE. All images are either open source, made ourselves, or FBLA oriented. Any questions regarding the code, program, or questions in general, please feel free to contact us via email at felix.weingartner@suusuccess.org. Enjoy the code! ☺

Program.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace WindowsFormsApplication2
{
    static class Program
    {
        /// <summary>
        /// The main entry point for the application.
        /// </summary>
        [STAThread]
        static void Main()
        {
            Application.EnableVisualStyles();
            Application.SetCompatibleTextRenderingDefault(false);
            Application.Run(new Form1());
            //From1 is the loading screen
        }
    }
}
```

Form1.cs (loading form)



```
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;
using Microsoft.Office.Core;
using Excel = Microsoft.Office.Interop.Excel;
using System.Data.OleDb;
namespace WindowsFormsApplication2
{
    public partial class Form1 : Form
    {
        int x = 0;
        int y = 0;
        string path = "C:\\fblaManager\\fblaDatabase.xls";
        string path2 = "C:\\fblaManager\\fblaLogins.xls";
        string direct = "C:\\fblaManager";
        public Form1()
        {
            InitializeComponent();
        }
        private void releaseObject(object obj)
        {
            try
            {
                System.Runtime.InteropServices.Marshal.ReleaseComObject(obj);
                obj = null;
            }
            catch (Exception ex)
            {
                obj = null;
                MessageBox.Show("Unable to release the Object " + ex.ToString());
            }
            finally
            {
                GC.Collect();
            }
        }
        private void Form1_Load(object sender, EventArgs e)
        {
            //timer1.Enabled = false;
            inFade.Start();
            timer1.Start();
        }

        private void timer1_Tick(object sender, EventArgs e)
        {
            if (y == 0)
            {
                label1.Text = "Loading...";
            }
            else if (y == 10)
            {

```

```

        label1.Text = "Loading.";
    }
    else if (y == 20)
    {
        label1.Text = "Loading..";
    }
    else if (y == 30)
    {
        label1.Text = "Loading...";
    }
    else if (y == 40)
    {
        label1.Text = "Loading.";
    }
    else if (y == 50)
    {
        label1.Text = "Loading..";
        y = -10;
    }

    y = y + 10;
    if (x == 0)
    {
        System.Threading.Thread.Sleep(1000);
        x = 2;
    }
    if (File.Exists(path) == true && File.Exists(path2))
    {
        //do nothing everything should be in place
        Console.WriteLine("File exists, proceeding");

        //TESTING
    }
    else
    {
        label1.Text = "Preforming First Time Setup...";
        Console.WriteLine("File does not exist, writing file...");
        //directory may not exist
        if (System.IO.Directory.Exists(direct) == true)
        {
            //directory exists
            Console.WriteLine("Directory exists");
        }
        else
        {
            //directory does not exist
            Console.WriteLine("Directory does not exist, creating...");
            System.IO.Directory.CreateDirectory(direct);
            Console.WriteLine("Directory has been created");
        }
    }
}

```

```

//System.IO.File.Create("C:\\fbLaManager\\fbLaDatabase.xls"); DOES NOT
WORK

Excel.Application startup = new Excel.Application();
startup.Visible = false;
startup.DisplayAlerts = false;
Excel.Workbooks startWorkbooks;
Excel.Workbook startWorkbook;
Excel.Worksheet startWorksheet;

object misValue2 = System.Reflection.Missing.Value;
startWorkbooks = startup.Workbooks;
startWorkbook = startup.Workbooks.Add(misValue2);
Excel.XlSaveAsAccessMode save = Excel.XlSaveAsAccessMode.xlNoChange;
startWorkbook.SaveAs("C:\\fbLaManager\\fbLaDatabase.xls", misValue2,
"lambda3b", misValue2, misValue2, misValue2, save, misValue2, misValue2, misValue2,
misValue2, misValue2);
startWorkbook.SaveAs("C:\\fbLaManager\\fbLaLogins.xls", misValue2,
"lambda3b", misValue2, misValue2, misValue2, save, misValue2, misValue2, misValue2,
misValue2, misValue2);
startWorksheet = (Excel.Worksheet)startWorkbook.ActiveSheet;
startWorksheet.Name = "fbLaData";
startWorkbook.Save();
startWorkbook.Close();
startup.Quit();
Console.WriteLine("Were good to go");
progressBar1.Increment(9);
//setting up file
Console.WriteLine("Testing write");
Excel.Application myExcelApp;
Excel.Workbooks myExcelWorkbooks;
Excel.Workbook myExcelWorkbook;
object misValue = System.Reflection.Missing.Value;
Console.WriteLine("stuff has been created");
myExcelApp = new Excel.Application();
myExcelApp.Visible = false;

myExcelWorkbooks = myExcelApp.Workbooks;
Console.WriteLine("More stuff has been created lljlkjlj");
string fileName = "C:\\fbLaManager\\fbLaDatabase.xls";
//setting file information
myExcelWorkbook = myExcelWorkbooks.Open(fileName, misValue, misValue,
misValue, "lambda3b", misValue, misValue, misValue, misValue, misValue, misValue,
misValue, misValue, misValue, misValue);
Excel.Worksheet myExcelWorksheet =
(Excel.Worksheet)myExcelWorkbook.ActiveSheet;

Console.WriteLine("whoa even more stuff");
Console.WriteLine("All Done part 1");

//writing to file
myExcelWorksheet.get_Range("A1", misValue).Formula = "MemberNumber";
myExcelWorksheet.get_Range("B1", misValue).Formula = "First";
myExcelWorksheet.get_Range("C1", misValue).Formula = "Last";
myExcelWorksheet.get_Range("D1", misValue).Formula = "School";
myExcelWorksheet.get_Range("E1", misValue).Formula = "Grade";
myExcelWorksheet.get_Range("F1", misValue).Formula = "State";

```

```

myExcelWorksheet.get_Range("G1", misValue).Formula = "Email";
myExcelWorksheet.get_Range("H1", misValue).Formula = "YearJoined";
myExcelWorksheet.get_Range("I1", misValue).Formula = "Active";
myExcelWorksheet.get_Range("J1", misValue).Formula = "MoneyOwed";
//this changes the cell value in C2 to "New Value";

myExcelWorkbook.Save();
myExcelWorkbook.Close();
Console.WriteLine("All Done :)");
myExcelApp.Quit();

/* FOR READING
string cellFormulaAsString = myExcelWorksheet.get_Range("A2",
misValue).Formula.ToString();
//this puts the formula in Cell A2 or text depending whats in it in the
string.
*/

}

progressBar1.Increment(3);
if (progressBar1.Value == 100)
{
    System.Threading.Thread.Sleep(1000);
    this.Visible = false;
    login f2 = new login();
    f2.Show();
    timer1.Stop();
}
}

private void inFade_Tick(object sender, EventArgs e)
{
    for (double fade = .0001; fade <= 1; fade = fade + .00001)
    {
        this.Opacity = fade;
    }
    inFade.Stop();
    //timer1.Enabled = true;
    //timer1.Start();
}
}
}

```

login.cs



```
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 Excel = Microsoft.Office.Interop.Excel;

namespace WindowsFormsApplication2
{
    public partial class login : Form
    {
        System.Drawing.Color cola = Color.SkyBlue;
        System.Drawing.Color normalcola = Color.SteelBlue;
        private string user = null;
        private string pass = null;
        public login()
        {
            InitializeComponent();
        }

        private void password_Click(object sender, EventArgs e)
        {
        }

        private void button1_Click(object sender, EventArgs e)
        {
            errorLabel.Visible = false;

            //check if credentials are correct
            user = usernameTextbox.Text;
            pass = passwordTextbox.Text;
            if (user == "")
            {
            }
            else
            {
                Excel.Application myExcelApp;
                Excel.Workbooks myExcelWorkbooks;
```

```

Excel.Workbook myExcelWorkbook;
object misValue = System.Reflection.Missing.Value;
Console.WriteLine("stuff has been created");
myExcelApp = new Excel.Application();
myExcelApp.Visible = false;
myExcelApp.DisplayAlerts = false;
myExcelWorkbooks = myExcelApp.Workbooks;
Console.WriteLine("More stuff has been created lljlkjlj");
string fileName = "C:\\fblaManager\\fblaLogins.xls";

myExcelWorkbook = myExcelWorkbooks.Open(fileName, misValue, misValue,
misValue, "lambda3b", misValue, misValue, misValue, misValue, misValue,
misValue, misValue, misValue, misValue);
Excel.Worksheet myExcelWorksheet =
(Excel.Worksheet)myExcelWorkbook.ActiveSheet;

//scan document for username match

//myExcelWorksheet.UsedRange.Formula = "=LookUp(\"" + user + "\", A:A,
B:B)";

//write result to t21
//myExcelWorksheet.get_Range("T21", misValue).Formula = "=LookUp(\""+
user + "\", A:A, B:B)";
//string resalt = myExcelWorksheet.get_Range("t1", "t2").Formula =
"=LookUp(\"" + user + "\", A:A, B:B)";

//Console.WriteLine("just checked for username");
//read result from t21
//string cellString = resalt;
//cellString = myExcelWorksheet.get_Range("T21",
misValue).Formula.ToString();
//label1.Text = cellString;
//Console.WriteLine(cellString);
string userData = "hey";
string passData = null;
string loc = null;
string loc2 = null;
bool clear = false;
int x = 1;
while (userData != "" || x == 1)
{
    Console.WriteLine(x + " time");
    loc = "A" + x;
    userData = myExcelWorksheet.get_Range(loc,
misValue).Formula.ToString();
    if (userData != user || user == null)
    {
        //this one isnt the username
    }
    else
    {
        Console.WriteLine("Username Found!");
        //username is found now to check password
        loc2 = "B" + x;
        passData = myExcelWorksheet.get_Range(loc2,
misValue).Formula.ToString();
        //checking password...
    }
}

```

```

        if (passData == pass)
        {
            //they match!
            Console.WriteLine("password is good");
            clear = true;
            break;
        }
        else
        {
            //they do not match!
            Console.WriteLine("password is wrong");
            clear = false;
            break;
        }
    }

    x = x + 1;
}

myExcelWorkbook.Close();
//close everything out
Console.WriteLine("All done");
myExcelApp.Quit();

//our check has been complete, now to decide whether to continue or not
if (clear == true)
{
    //credentials are all correct
    fadeOut.Start();

}
else
{
    //credentails were not correct
    errorLabel.Visible = true;
}

}

}

private void button2_Click(object sender, EventArgs e)
{
    Application.Exit();
}

private void linkLabel2_Click(object sender, EventArgs e)
{
    newaccount kappa = new newaccount();

```



```

        kappa.Show();
        Close();
    }

    private void login_MouseHover(object sender, EventArgs e)
    {
        button1.BackColor = cola;
    }

    private void login_MouseLeave(object sender, EventArgs e)
    {
        button1.BackColor = normalcola;
    }

    private void exit_MouseHover(object sender, EventArgs e)
    {
        button2.BackColor = cola;
    }

    private void exit_MouseLeave(object sender, EventArgs e)
    {
        button2.BackColor = normalcola;
    }

    private void fadeOut_Tick(object sender, EventArgs e)
    {
        errorLabel.Visible = false;
        for (double fade = .99; fade > 0; fade = fade - .01)
        {
            Console.WriteLine("this is how we dew fade");
            this.Opacity = fade;
        }
        fadeOut.Stop();

        home h = new home();
        h.Show();
        Close();
    }

    private void login_Load(object sender, EventArgs e)
    {
    }

    }
}

```

newaccount.cs

```

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 Excel = Microsoft.Office.Interop.Excel;
namespace WindowsFormsApplication2
{
    public partial class newaccount : Form
    {
        int x = -1;
        public newaccount()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            //this is the back button
            login back = new login();
            back.Show();
            Close();
        }

        private void create_Click(object sender, EventArgs e)
        {
            string text1 = textBox1.Text;
            string text2 = textBox2.Text;
            string text3 = textBox3.Text;
            string text4 = textBox4.Text;
            bool proceed = true;
            //create button run check before submission
            errorlabel.Visible = false;
            //is anything blank?
            if (text1 == null || text2 == null || text3 == null || text4 == null)
            {
                //something is blank
                errorlabel.Text = "*A text entry was left blank";
                proceed = false;
            }
            //check if account key is correct
            if (text1 == "fb1aRocks!")
            {
                proceed = true;
            }
            else
            {
                proceed = false;
            }

            //check if passwords match
            if (text3 == text4)
            {
                //passwords match
            }
            else
            {
                //passwords do not match
                proceed = false;
            }
        }
    }
}

```

```

        errorlabel.Text = "*Passwords do not match";
        errorlabel.Visible = true;
    }
    string location = null;
    string location2 = null;
    //if its passed all the tests save user information & continue to login
screen
    //username cannot previously exist, check
    if (proceed == true)
    {
        Excel.Application myExcelApp;
        Excel.Workbooks myExcelWorkbooks;
        Excel.Workbook myExcelWorkbook;
        object misValue = System.Reflection.Missing.Value;
        Console.WriteLine("stuff has been created");
        myExcelApp = new Excel.Application();
        myExcelApp.Visible = false;
        myExcelApp.DisplayAlerts = false;
        myExcelWorkbooks = myExcelApp.Workbooks;
        Console.WriteLine("More stuff has been created lljlkjlj");
        string fileName = "C:\\fblaManager\\fblaLogins.xls";

        myExcelWorkbook = myExcelWorkbooks.Open(fileName, misValue, misValue,
misValue, "lambda3b", misValue, misValue, misValue, misValue, misValue,
misValue, misValue, misValue, misValue);
        Excel.Worksheet myExcelWorksheet =
(Excel.Worksheet)myExcelWorkbook.ActiveSheet;
        string userData = "hey";
        string loc = null;
        x = 1;
        while (userData != "" || x == 1)
        {
            Console.WriteLine(x + " time");
            loc = "A" + x;
            userData = myExcelWorksheet.get_Range(loc,
misValue).Formula.ToString();
            if (userData != text2)
            {
                //this one isnt the username
            }
            else
            {
                //this one IS the username, username already exists!
                Console.WriteLine("username already exists!");
                proceed = false;
                errorlabel.Text = "*User name already exists";
                errorlabel.Visible = true;
                break;
            }

            x = x + 1;
        }

        if (proceed == true)
        {
            x = x - 1;
            location = "A" + x;
            location2 = "B" + x;

```

```

        myExcelWorksheet.get_Range(location, misValue).Formula = text2;
        myExcelWorksheet.get_Range(location2, misValue).Formula = text3;
        myExcelWorkbook.Save();
    }
    //close everything out

    Console.WriteLine("All Done :)");
    myExcelApp.Quit();
    if (proceed == true)
    {
        login n1 = new login();
        n1.Show();
        Close();
    }
}

}
System.Drawing.Color cola = Color.SkyBlue;
System.Drawing.Color normalcola = Color.SteelBlue;

private void create_MouseHover(object sender, EventArgs e)
{
    create.BackColor = cola;
}

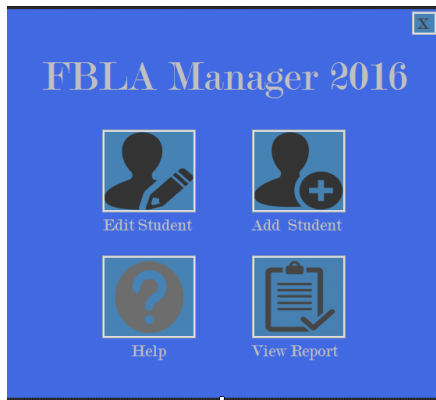
private void create_MouseLeave(object sender, EventArgs e)
{
    create.BackColor = normalcola;
}

private void button1_MouseHover(object sender, EventArgs e)
{
    button1.BackColor = cola;
}

private void button1_MouseLeave(object sender, EventArgs e)
{
    button1.BackColor = normalcola;
}
}
}

```

home.cs



```
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 WindowsFormsApplication2
{
    public partial class home : Form
    {
        System.Drawing.Color cola = Color.SkyBlue;
        System.Drawing.Color normalcola = Color.SteelBlue;
        public home()
        {
            InitializeComponent();
        }
        private void settings_mousehover(object sender, EventArgs e)
        {
            button3.BackColor = cola;
        }
        private void edit_MouseHover(object sender, EventArgs e)
        {
            button2.BackColor = cola;
        }
        private void add_MouseHover(object sender, EventArgs e)
        {
            button1.BackColor = cola;
        }
        private void report_MouseHover(object sender, EventArgs e)
        {
            button4.BackColor = cola;
        }
    }
}
```

```

private void add_MouseLeave(object sender, EventArgs e)
{
    button1.BackColor = normalcola;
}

private void edit_MouseLeave(object sender, EventArgs e)
{
    button2.BackColor = normalcola;
}

private void settings_mouseleave(object sender, EventArgs e)
{
    button3.BackColor = normalcola;
}

private void report_MouseLeave(object sender, EventArgs e)
{
    button4.BackColor = normalcola;
}

private void button1_Click(object sender, EventArgs e)
{
    addstudent add = new addstudent();
    add.Show();
}

private void button2_Click(object sender, EventArgs e)
{
    //edit student button clicked
    editstudent es = new editstudent();
    es.Show();
}

private void button4_Click(object sender, EventArgs e)
{
    //view report clicked
    viewreport vr = new viewreport();
    vr.Show();
    Close();
}

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

private void exit_MouseHover(object sender, EventArgs e)
{
    exit.BackColor = cola;
    exit.ForeColor = Color.RoyalBlue;
}

private void exit_MouseLeave(object sender, EventArgs e)
{
    exit.BackColor = normalcola;
    exit.ForeColor = Color.Silver;
}

```

```

        private void button3_Click(object sender, EventArgs e)
        {
            help newhelp = new help();
            newhelp.Show();
        }
    }
}

```

addstudent.cs

```

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.Text.RegularExpressions;
using Excel = Microsoft.Office.Interop.Excel;
namespace WindowsFormsApplication2
{
    public partial class addstudent : Form
    {
        string a = null;
        System.Drawing.Color cola = Color.SkyBlue;
        System.Drawing.Color normalcola = Color.SteelBlue;
    }
}

```

```

public addstudent()
{
    InitializeComponent();
}

private void r1_CheckedChanged(object sender, EventArgs e)
{
}

private void r2_CheckedChanged(object sender, EventArgs e)
{
}

private void back_Click(object sender, EventArgs e)
{
    Close();
}

private void submit_MouseHover(object sender, EventArgs e)
{
    submit.BackColor = cola;
}

private void submit_MouseLeave(object sender, EventArgs e)
{
    submit.BackColor = normalcola;
}

private void back_MouseHover(object sender, EventArgs e)
{
    back.BackColor = cola;
}

private void back_MouseLeave(object sender, EventArgs e)
{
    back.BackColor = normalcola;
}

private void submit_Click(object sender, EventArgs e)
{
    //reset error
    bool proceed = true;
    error.Visible = false;
    //the user clicked sumit, check if all entries are leginimate//

    //test if anything is empty
    if (t2.Text == null || t3.Text == null || t4.Text == null || t5.Text == null
|| t6.Text == null || t7.Text == null || t8.Text == null || t9.Text == null)
    {
        //something is empty! show error
        error.Text = "*Error, one or text fields are empty";
        error.Visible = true;
        proceed = false;
    }
}

```



```

    }
    //continue testing
    if (proceed == true)
    {
        //test if string fields contain anything but string
        if (Regex.IsMatch(t2.Text, @"^[a-zA-Z]+$") == true &&
            Regex.IsMatch(t3.Text, @"^[a-zA-Z]+$") == true && Regex.IsMatch(t4.Text, @"^[a-zA-Z ]+$")
            == true && Regex.IsMatch(t6.Text, @"^[a-zA-Z]+$") == true && Regex.IsMatch(t8.Text,
            @"^[0-9]+$") == true && Regex.IsMatch(t9.Text, @"^[0-9.]+$") == true &&
            Regex.IsMatch(t5.Text, @"^[0-9]+$") == true)
        {
            Console.WriteLine("We are good as golden");
            //everything is good time to save
            //open excel sheets
            Excel.Application myExcelApp;
            Excel.Workbooks myExcelWorkbooks;
            Excel.Workbook myExcelWorkbook;
            object misValue = System.Reflection.Missing.Value;
            Console.WriteLine("stuff has been created");
            myExcelApp = new Excel.Application();
            myExcelApp.Visible = false;
            myExcelApp.DisplayAlerts = false;
            myExcelWorkbooks = myExcelApp.Workbooks;
            Console.WriteLine("More stuff has been created lljlkjlj");
            string fileName = "C:\\fblaManager\\fblaDatabase.xls";

            myExcelWorkbook = myExcelWorkbooks.Open(fileName, misValue, misValue,
            misValue, "lambda3b", misValue, misValue, misValue, misValue, misValue, misValue,
            misValue, misValue, misValue, misValue);
            Excel.Worksheet myExcelWorksheet =
            (Excel.Worksheet)myExcelWorkbook.ActiveSheet;

            string studN = "hey";

            int x = 1;
            while (studN != "" || x == 1)
            {
                studN = myExcelWorksheet.get_Range("A"+x,
            misValue).Formula.ToString();
                Console.WriteLine(x + " time");
                x = x + 1;
            }
            x = x - 1;
            //the radio button thing
            if (r1.Checked == true)
            {
                a = "yes";
            }
            else
            {
                a = "no";
            }
            myExcelWorksheet.get_Range("A" + x, misValue).Formula = x-1;
            myExcelWorksheet.get_Range("B" + x, misValue).Formula = t2.Text;
            myExcelWorksheet.get_Range("C" + x, misValue).Formula = t3.Text;
            myExcelWorksheet.get_Range("D" + x, misValue).Formula = t4.Text;
            myExcelWorksheet.get_Range("E" + x, misValue).Formula = t5.Text;
            myExcelWorksheet.get_Range("F" + x, misValue).Formula = t6.Text;

```

```

        myExcelWorksheet.get_Range("G" + x, misValue).Formula = t7.Text;
        myExcelWorksheet.get_Range("H" + x, misValue).Formula = t8.Text;
        myExcelWorksheet.get_Range("I" + x, misValue).Formula = a;
        myExcelWorksheet.get_Range("J" + x, misValue).Formula = t9.Text;
        myExcelWorkbook.Save();
        myExcelApp.Quit();
        Close();
    }
    else
    {
        //an entry does not only contain letters !
        error.Text = "*Error, one or more invalid entries";
        error.Visible = true;
        proceed = false;
    }
}
}
}
}
}

```

editstudent.cs

Edit Student

First Name: Last Name:

First Name:

Last Name:

School:

Grade:

State:

Email:

Year Joined:

Active Member? ☐ yes ☒ no

Money Owed - \$

```

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 Excel = Microsoft.Office.Interop.Excel;
using System.Text.RegularExpressions;
namespace WindowsFormsApplication2

```

```

{
    public partial class editstudent : Form
    {
        string a = null;
        public editstudent()
        {
            InitializeComponent();
        }
        string none = null;
        string ntwo = null;
        private void r1_CheckedChanged(object sender, EventArgs e)
        {

        }

        private void find_Click(object sender, EventArgs e)
        {
            //our name variables
            none = n1.Text;
            ntwo = n2.Text;
            finderror.Visible = false;
            if (none == "" || ntwo == "")
            {
                finderror.Text = "*Neither entry be empty";
                finderror.Visible = true;
            }
            else
            {
                //see if students exists
                //open excel database and read
                Excel.Application myExcelApp;
                Excel.Workbooks myExcelWorkbooks;
                Excel.Workbook myExcelWorkbook;
                object misValue = System.Reflection.Missing.Value;
                Console.WriteLine("stuff has been created");
                myExcelApp = new Excel.Application();
                myExcelApp.Visible = false;
                myExcelApp.DisplayAlerts = false;
                myExcelWorkbooks = myExcelApp.Workbooks;
                Console.WriteLine("More stuff has been created lljlkjlj");
                string fileName = "C:\\fblaManager\\fblaDatabase.xls";

                myExcelWorkbook = myExcelWorkbooks.Open(fileName, misValue, misValue,
misValue, "lambda3b", misValue, misValue, misValue, misValue, misValue, misValue,
misValue, misValue, misValue, misValue);
                Excel.Worksheet myExcelWorksheet =
(Excel.Worksheet)myExcelWorkbook.ActiveSheet;
                string firstData = "hey";
                string lastData = null;
                string loc = null;
                string loc2 = null;
                bool found = false;

                int x = 1;
                if (none == null || ntwo == null)
                {
                    x = -1;
                }
            }
        }
    }
}

```

```

while (firstData != "" || x == 1)
{
    Console.WriteLine(x + " time");
    loc = "B" + x;
    firstData = myExcelWorksheet.get_Range(loc,
misValue).Formula.ToString();
    if (firstData.Equals(none,
StringComparison.InvariantCultureIgnoreCase) == false)
    {
        //this one isnt the first name
    }
    else
    {
        //this is the first name! check last name
        loc2 = "C" + x;
        lastData = myExcelWorksheet.get_Range(loc2,
misValue).Formula.ToString();
        if (lastData.Equals(ntwo,
StringComparison.InvariantCultureIgnoreCase) == true)
        {
            //we have found our student!
            found = true;
            break;
        }
        else
        {
            //not our student keep searching
        }
    }

    x = x + 1;
}
if (found == true)
{
    Console.WriteLine(x + " is the spot");
    //now we need to read the data from that student and output
    t2.Text = myExcelWorksheet.get_Range("B" + x,
misValue).Formula.ToString();
    t3.Text = myExcelWorksheet.get_Range("C" + x,
misValue).Formula.ToString();
    t4.Text = myExcelWorksheet.get_Range("D" + x,
misValue).Formula.ToString();
    t5.Text = myExcelWorksheet.get_Range("E" + x,
misValue).Formula.ToString();
    t6.Text = myExcelWorksheet.get_Range("F" + x,
misValue).Formula.ToString();
    t7.Text = myExcelWorksheet.get_Range("G" + x,
misValue).Formula.ToString();
    t8.Text = myExcelWorksheet.get_Range("H" + x,
misValue).Formula.ToString();
    if (myExcelWorksheet.get_Range("I" + x, misValue).Formula.ToString()
== "yes")
    {
        //active member
        r1.Checked = true;
        r2.Checked = false;
    }
}

```

```

        else
        {
            //inactive member
            r2.Checked = true;
            r1.Checked = false;
        }
        t9.Text = myExcelWorksheet.get_Range("J" + x,
misValue).Formula.ToString();
        //previous information has been outputed now to remove the cover
image
        hideBox.Visible = false;
        submit.Enabled = true;

    }
    else
    {
        //student has not been found, display error and do nothing else
        finderror.Visible = true;
        hideBox.Visible = true;
        submit.Enabled = false;
    }
    //save and close excel files and processes
    myExcelWorkbook.Save();
    myExcelWorkbook.Close();
    myExcelApp.Quit();
}

}

private void back_Click(object sender, EventArgs e)
{
    Close();
}

private void submit_Click(object sender, EventArgs e)
{
    //should already be enabled
    //save information and exit form
    //reset error
    bool proceed = true;
    error.Visible = false;
    //the user clicked sumit, check if all entries are legitimate//

    //test if anything is empty
    if (t2.Text == null || t3.Text == null || t4.Text == null || t5.Text == null
|| t6.Text == null || t7.Text == null || t8.Text == null || t9.Text == null)
    {
        //something is empty! show error
        error.Text = "*Error, one or text fields are empty";
        error.Visible = true;
        proceed = false;
    }
    //continue testing
    if (proceed == true)
    {
        //test if string fields contain anything but string

```

```

        if (Regex.IsMatch(t2.Text, @"^[a-zA-Z]+$") == true &&
Regex.IsMatch(t3.Text, @"^[a-zA-Z]+$") == true && Regex.IsMatch(t4.Text, @"^[a-zA-Z ]+$")
== true && Regex.IsMatch(t6.Text, @"^[a-zA-Z]+$") == true && Regex.IsMatch(t8.Text,
@"^[0-9]+$") == true && Regex.IsMatch(t9.Text, @"^[0-9.@]+$") == true &&
Regex.IsMatch(t5.Text, @"^[0-9]+$") == true)
        {
            Console.WriteLine("We are good as golden");
            //everything is good time to save
            //open excel sheets
            Excel.Application myExcelApp;
            Excel.Workbooks myExcelWorkbooks;
            Excel.Workbook myExcelWorkbook;
            object misValue = System.Reflection.Missing.Value;
            Console.WriteLine("stuff has been created");
            myExcelApp = new Excel.Application();
            myExcelApp.Visible = false;
            myExcelApp.DisplayAlerts = false;
            myExcelWorkbooks = myExcelApp.Workbooks;
            Console.WriteLine("More stuff has been created lljlkjlj");
            string fileName = "C:\\fbIaManager\\fbIaDatabase.xls";

            myExcelWorkbook = myExcelWorkbooks.Open(fileName, misValue, misValue,
misValue, "lambda3b", misValue, misValue, misValue, misValue, misValue, misValue,
misValue, misValue, misValue);
            Excel.Worksheet myExcelWorksheet =
(Excel.Worksheet)myExcelWorkbook.ActiveSheet;

            string studN = "hey";

            int x = 1;
            while (studN != "" || x == 1)
            {
                studN = myExcelWorksheet.get_Range("A" + x,
misValue).Formula.ToString();
                Console.WriteLine(x + " time");
                x = x + 1;
            }
            x = x - 2;
            //the radio button thing
            if (r1.Checked == true)
            {
                a = "yes";
            }
            else
            {
                a = "no";
            }
            myExcelWorksheet.get_Range("A" + x, misValue).Formula = x - 1;
            myExcelWorksheet.get_Range("B" + x, misValue).Formula = t2.Text;
            myExcelWorksheet.get_Range("C" + x, misValue).Formula = t3.Text;
            myExcelWorksheet.get_Range("D" + x, misValue).Formula = t4.Text;
            myExcelWorksheet.get_Range("E" + x, misValue).Formula = t5.Text;
            myExcelWorksheet.get_Range("F" + x, misValue).Formula = t6.Text;
            myExcelWorksheet.get_Range("G" + x, misValue).Formula = t7.Text;
            myExcelWorksheet.get_Range("H" + x, misValue).Formula = t8.Text;
            myExcelWorksheet.get_Range("I" + x, misValue).Formula = a;
            myExcelWorksheet.get_Range("J" + x, misValue).Formula = t9.Text;
            myExcelWorkbook.Save();

```

```

        myExcelApp.Quit();
        Close();
    }
    else
    {
        //an entry does not only contain letters !
        error.Text = "*Error, one or more invalid entries";
        error.Visible = true;
        proceed = false;
    }
}

}
}
}

```

viewreport.cs

```

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 Excel = Microsoft.Office.Interop.Excel;

namespace WindowsFormsApplication2
{
    public partial class viewreport : Form
    {
        bool a, b, c, d, e1, f, g, h, i, j, k, l, m, n, o = false;
    }
}

```

```

int z = 1;

System.Drawing.Color cola = Color.SkyBlue;
System.Drawing.Color normalcola = Color.SteelBlue;
System.Drawing.Color s1 = Color.Silver;
System.Drawing.Color s2 = Color.DarkGray;
public viewreport()
{
    InitializeComponent();
}

private void button3_MouseHover(object sender, EventArgs e)
{
    button3.BackColor = cola;
}

private void button3_MouseLeave(object sender, EventArgs e)
{
    button3.BackColor = normalcola;
}

private void button2_MouseHover(object sender, EventArgs e)
{
    button2.BackColor = cola;
}

private void button2_MouseLeave(object sender, EventArgs e)
{
    button2.BackColor = normalcola;
}

private void button1_MouseHover(object sender, EventArgs e)
{
    newRepBtn.BackColor = cola;
}

private void button1_MouseLeave(object sender, EventArgs e)
{
    newRepBtn.BackColor = normalcola;
}

private void button3_Click(object sender, EventArgs e)
{
    //cancel button clicked
    home h = new home();
    h.Show();
    Close();
}

private void button2_Click(object sender, EventArgs e)
{
    //open report button clicked
    // Create an instance of the open file dialog box.
    OpenFileDialog openFileDialog1 = new OpenFileDialog();

    // Set filter options and filter index.
    openFileDialog1.Filter = "Fbla Files (*.xls*)|*.xls*";
}

```



```

openFileDialog1.FilterIndex = 1;

openFileDialog1.Multiselect = false;

// Call the ShowDialog method to show the dialog box.

//openFileDialog1.ShowDialog();
// Process input if the user clicked OK.
if (openFileDialog1.ShowDialog() == DialogResult.OK)
{
    Console.WriteLine("openfiledialog.showdialog() == dialogeResult.ok");
    Excel.Application myExcelApp;
    Excel.Workbooks myExcelWorkbooks;
    Excel.Workbook myExcelWorkbook;
    object misValue = System.Reflection.Missing.Value;

    myExcelApp = new Excel.Application();
    myExcelApp.Visible = true;
    myExcelApp.DisplayAlerts = false;
    myExcelWorkbooks = myExcelApp.Workbooks;

    string fileName = openFileDialog1.FileName;
    try
    {
        myExcelWorkbook = myExcelWorkbooks.Open(fileName, misValue, misValue,
misValue, misValue, misValue, misValue, misValue, misValue, misValue,
misValue, misValue, misValue);
        //myExcelWorkbook.PrintPreview();
    }
    catch
    {
        //whatever it failed, users fault not programs
    }
}
}

```

```

private void button1_Click(object sender, EventArgs e)
{
    int lx = groupBox1.Location.X;
    int ly = groupBox1.Location.Y;
    int lx2 = groupBox2.Location.X;
    int ly2 = groupBox2.Location.Y;
    int nSize = viewreport.ActiveForm.Size.Height;
    int nSize2 = viewreport.ActiveForm.Size.Width;
    nSize = nSize + 240;
    int lX = Location.X;
    int lY = Location.Y;
    Location = new Point(lX, lY - 150);
    ly = ly - 200;
    ly2 = ly2 - 200;
    groupBox1.Location = new Point(lx, ly);
    groupBox2.Location = new Point(lx2, ly2);
    viewreport.ActiveForm.Size = new Size(nSize2, nSize);
    changelable.Text = "New Report";
}

```

```

}

private void groupBox1_Enter(object sender, EventArgs e)
{

}

private void button25_MouseHover(object sender, EventArgs e)
{

    if (a == false) { button25.BackColor = cola; }

}

private void button25_MouseLeave(object sender, EventArgs e)
{
    if (a == false){ button25.BackColor = normalcola;}
}

private void button24_MouseHover(object sender, EventArgs e)
{
    if (b == false) { button24.BackColor = cola; }
}

private void button24_MouseLeave(object sender, EventArgs e)
{
    if (b == false) { button24.BackColor = normalcola; }
}

private void button23_MouseHover(object sender, EventArgs e)
{
    if (c == false) { button23.BackColor = cola; }
}

private void button23_MouseLeave(object sender, EventArgs e)
{
    if (c == false) { button23.BackColor = normalcola; }
}

private void button16_MouseHover(object sender, EventArgs e)
{
    //if (i == "false") { button16.BackColor = cola; }
}

private void button16_MouseLeave(object sender, EventArgs e)
{
    //if (i == "false") { button16.BackColor = normalcola; }
}

private void button22_MouseHover(object sender, EventArgs e)
{
    if (d == false) { button22.BackColor = cola; }
}

private void button22_MouseLeave(object sender, EventArgs e)

```

```

{
    if (d == false) { button22.BackColor = normalcola; }
}

private void button21_MouseHover(object sender, EventArgs e)
{
    if (e1 == false) { button21.BackColor = cola; }
}

private void button21_MouseLeave(object sender, EventArgs e)
{
    if (e1 == false) { button21.BackColor = normalcola; }
}

private void button20_MouseHover(object sender, EventArgs e)
{
    if (f == false) { button20.BackColor = cola; }
}

private void button24_Click(object sender, EventArgs e)
{
    if (b == false)
    {
        button24.BackColor = s1;
        b = true;
    }
    else if (b == true)
    {
        button24.BackColor = normalcola;
        b = false;
    }
}

private void button23_Click(object sender, EventArgs e)
{
    if (c == false)
    {
        button23.BackColor = s1;
        c = true;
    }
    else if (c == true)
    {
        button23.BackColor = normalcola;
        c = false;
    }
}

private void button22_Click(object sender, EventArgs e)
{
    if (d == false)
    {
        button22.BackColor = s1;
        d = true;
    }
    else if (d == true)
    {
        button22.BackColor = normalcola;
        d = false;
    }
}

```

```

    }
}

private void button21_Click(object sender, EventArgs e)
{
    if (e1 == false)
    {
        button21.BackColor = s1;
        e1 = true;
    }
    else if (e1 == true)
    {
        button21.BackColor = normalcola;
        e1 = false;
    }
}

private void button20_Click(object sender, EventArgs e)
{
    if (f == false)
    {
        button20.BackColor = s1;
        f = true;
    }
    else if (f == true)
    {
        button20.BackColor = normalcola;
        f = false;
    }
}

private void button19_Click(object sender, EventArgs e)
{
    if (g == false)
    {
        button19.BackColor = s1;
        g = true;
    }
    else if (g == true)
    {
        button19.BackColor = normalcola;
        g = false;
    }
}

private void button18_Click(object sender, EventArgs e)
{
    if (h == false)
    {
        button18.BackColor = s1;
        h = true;
    }
    else if (h == true)
    {
        button18.BackColor = normalcola;
        h = false;
    }
}

```

```

private void button16_Click(object sender, EventArgs e)
{
    //active box
    /*
    if (i == "false")
    {
        active.Text = "If Active";
        button16.BackColor = s1;
        i = "true";
    }
    else if (i == "true")
    {
        active.Text = "If Not Active";
        button16.BackColor = s2;
        i = "none";
    }
    else if (i == "none")
    {
        active.Text = "N.D Active";
        button16.BackColor = normalcola;
        i = "false";
    }
    */
}

private void button4_MouseLeave(object sender, EventArgs e)
{
    if (k == false)
    {
        button4.BackColor = normalcola;
    }
}

private void button5_MouseHover(object sender, EventArgs e)
{
    if (l == false)
    {
        button5.BackColor = cola;
    }
}

private void button5_MouseLeave(object sender, EventArgs e)
{
    if (l == false)
    {
        button5.BackColor = normalcola;
    }
}

private void button6_MouseHover(object sender, EventArgs e)
{
    if (m == false)
    {
        button6.BackColor = cola;
    }
}

```

```

private void button6_MouseLeave(object sender, EventArgs e)
{
    if (m == false)
    {
        button6.BackColor = normalcola;
    }
}

private void button1_MouseHover_1(object sender, EventArgs e)
{
    if (n == false)
    {
        button1.BackColor = cola;
    }
}

private void button1_MouseLeave_1(object sender, EventArgs e)
{
    if (n == false)
    {
        button1.BackColor = normalcola;
    }
}

string data = null;
bool ch1, ch2, ch3 = false;
int cb1, cb2 = 1 ;
int daIndex = 0;
int[] daOne;
private void button1_Click_1(object sender, EventArgs e)
{
    // SUBMIT BUTTON CLICKED //
    daIndex = 0;
    daOne = new int[100];
    daOne[0] = -10;
    //set error visibility
    error.ForeColor = System.Drawing.Color.LightGreen;
    error.Text = "Creating Report...";
    error.Visible = true;
    bool pass = true;
    bool proceed = true;
    //check box fileters
    if (checkBox1.Checked == true)
    {
        ch1 = true;
    }
    if (checkBox2.Checked == true)
    {
        ch2 = true;
    }
    if (checkBox3.Checked == true)
    {
        ch3 = true;
    }

    //combo box filters

```

```

if (comboBox1.SelectedIndex == 0)
{
    cb1 = 1;
}
else if (comboBox1.SelectedIndex == 1)
{
    cb1 = 2;
}
else if (comboBox1.SelectedIndex == 2)
{
    cb1 = 3;
}

if (comboBox2.SelectedIndex == 0)
{
    cb2 = 1;
}
if (comboBox2.SelectedIndex == 1)
{
    cb2 = 2;
}
else if (comboBox2.SelectedIndex == 2)
{
    cb2 = 3;
}

//make sure combo box's are not both empty
if (comboBox1.SelectedIndex == 0 || comboBox1.SelectedIndex == 1 ||
comboBox1.SelectedIndex == 2)
{
    Console.WriteLine("past stage 1");
    if (comboBox2.SelectedIndex == 0 || comboBox2.SelectedIndex == 1 ||
comboBox2.SelectedIndex == 2)
    {
        Console.WriteLine("past stage 2");
        if (button4.BackColor.Equals(normalcola) == false ||
button6.BackColor.Equals(normalcola) == false)
        {
            //test if everything was left blank
            if (a == false && b == false && c == false && d == false && e1 ==
false && f == false && g == false && h == false)
            {
                //error nothing was selected
                error.Text = "*At least one field selection is required";
                error.Visible = true;
            }
            else
            {
                //something was selected continue
                //open fbld database
                Excel.Application myExcelApp2;
                Excel.Workbooks myExcelWorkbooks2;
                Excel.Workbook myExcelWorkbook2;
                object misValue = System.Reflection.Missing.Value;
                Console.WriteLine("stuff has been created");
                myExcelApp2 = new Excel.Application();
                myExcelApp2.Visible = false;
                myExcelApp2.DisplayAlerts = false;
            }
        }
    }
}

```

```

myExcelWorkbooks2 = myExcelApp2.Workbooks;
Console.WriteLine("More stuff has been created lljlkjlj");
string fileName = "C:\\fblaManager\\fblaDatabase.xls";

myExcelWorkbook2 = myExcelWorkbooks2.Open(fileName, misValue,
misValue, misValue, "lambda3b", misValue, misValue, misValue, misValue,
misValue, misValue, misValue, misValue, misValue);
Excel.Worksheet myExcelWorksheet2 =
(Excel.Worksheet)myExcelWorkbook2.ActiveSheet;

//now read and find results based on user filters
//row read x int
int x = 0;
while (data != "" || x == 0)
{
    pass = true;
    //if first intracation
    if (x == 0)
    {
        x += 1;
    }
    data = myExcelWorksheet2.get_Range("A" + x,
misValue).Formula.ToString();

    //school checkmark filter
    if (ch1 == true)
    {
        if (t1.Text == myExcelWorksheet2.get_Range("D" +
x).Formula.ToString())
        {
            //passes the filter
        }
        else
        {
            //does not pass the filter
            pass = false;
        }
    }
    //grade checkmark filter
    if (ch2 == true)
    {
        if (t2.Text == myExcelWorksheet2.get_Range("E" +
x).Formula.ToString())
        {
            Console.WriteLine("Passed the filter!");
            //passes the filter
        }
        else
        {
            //does not pass the filter
            pass = false;
        }
    }
    //state checkmark filter
    if (ch3 == true)
    {
        if (t3.Text == myExcelWorksheet2.get_Range("F" +
x).Formula.ToString())
        {

```



```

        //passes the filter
    }
    else
    {
        //does not pas the filter
        pass = false;
    }
}

//if it passed checkmark filters
if (pass == true)
{
    //passed
    //see if it passes the combobox filter
    if (cb1 == 1)
    {
        //active state doesnt matter
        pass = true;
    }
    else if (cb1 == 2)
    {
        //active only
        if ("yes" == myExcelWorksheet2.get_Range("I" +
x).Formula.ToString())
        {
            pass = true;
        }
        else
        {
            //person is not active
            pass = false;
        }
    }
    else if (cb1 == 3)
    {
        //nonactive only
        if ("no" == myExcelWorksheet2.get_Range("I" +
x).Formula.ToString())
        {
            pass = true;
        }
        else
        {
            //person is not nonactive
            pass = false;
        }
    }
}

//we finished filter tests
if (pass == true)
{
    Console.WriteLine("setting daOne[daIndex] to " +
daIndex + " [" + x);

    daOne[daIndex] = x;
    daIndex++;
}
else
{

```

```

        //just move on again, current x does not qualify
        Console.WriteLine(x + " Did not qualify");
    }

    }
    else
    {
        //didnt pass
    }
    x++;
}
//read loop is done!

//check if there are no results
if (daOne[0] == -10)
{
    //no results
    error.Text = "*No results";
    error.Visible = true;
}
else
{
    //there were results
    //now create report not closing read file cuz we still
    //create temp file
    Excel.Application startup = new Excel.Application();
    startup.Visible = false;
    startup.DisplayAlerts = false;
    Excel.Workbooks startWorkbooks;
    Excel.Workbook startWorkbook;
    Excel.Worksheet startWorksheet;
    object misValue2 = System.Reflection.Missing.Value;
    startWorkbooks = startup.Workbooks;
    startWorkbook = startup.Workbooks.Add(misValue2);
    startWorksheet =
(Excel.Worksheet)startWorkbook.ActiveSheet;
    startWorksheet.Name = "FBLA Report";
    //write to that temp file
    string[] alpha = { "a", "b", "c", "d", "e", "f", "g",
    "h", "i", "j" };

    daNumber = daOne.Length;
    Console.WriteLine("The length of daOne.length is " +
daNumber);

    int nRow = 1;
    int cd = 0;

    int readRow = -1;
    for (int bb = 0; bb < daNumber; bb++)
    {
        if (nRow == 2)
        {
            bb = 0;
        }
        cd = 0;
        readRow = daOne[bb];
        Console.WriteLine(readRow.ToString());
        if (readRow != 0)

```

```

{
    Console.WriteLine("Another one");
    Console.WriteLine(readRow.ToString());
    if (a == true)
    {
        if (nRow == 1) {
startWorksheet.get_Range(alpha[cd] + 1, misValue2).Formula = "MemberNumber"; cd++; }
        else
        {
            Console.WriteLine("Done Deal a == true");
            startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("A" + readRow,
misValue).Formula.ToString();

            cd++;
        }
    }
    if (b == true)
    {
        if (nRow == 1) {
startWorksheet.get_Range(alpha[cd] + 1, misValue2).Formula = "First"; cd++; }
        else
        {
            startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("B" + readRow,
misValue).Formula.ToString();

            cd++;
        }
    }
    if (c == true)
    {
        if (nRow == 1) {
startWorksheet.get_Range(alpha[cd] + 1, misValue2).Formula = "Last"; cd++; }
        else
        {
            startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("C" + readRow,
misValue).Formula.ToString();

            cd++;
        }
    }
    if (d == true)
    {
        if (nRow == 1) {
startWorksheet.get_Range(alpha[cd] + 1, misValue2).Formula = "School"; cd++; }
        else
        {
            startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("D" + readRow,
misValue).Formula.ToString();

            cd++;
        }
    }
    if (e1 == true)
    {
        if (nRow == 1) {
startWorksheet.get_Range(alpha[cd] + 1, misValue2).Formula = "Grade"; cd++; }
        else
        {

```

```

startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("E" + readRow,
misValue).Formula.ToString();

        cd++;
    }
}
if (f == true)
{
    if (nRow == 1) {
startWorksheet.get_Range(alpha[cd] + 1, misValue2).Formula = "State"; cd++; }
    else
    {
        startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("F" + readRow,
misValue).Formula.ToString();

        cd++;
    }
}
if (g == true)
{
    if (nRow == 1) {
startWorksheet.get_Range(alpha[cd] + 1, misValue2).Formula = "Email"; cd++; }
    else
    {
        startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("G" + readRow,
misValue).Formula.ToString();

        cd++;
    }
}
if (h == true)
{
    if (nRow == 1) {
startWorksheet.get_Range(alpha[cd] + 1, misValue2).Formula = "Year Joined"; cd++; }
    else
    {
        startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("H" + readRow,
misValue).Formula.ToString();

        cd++;
    }
}
if (i == true)
{
    if (nRow == 1)
    {
        startWorksheet.get_Range(alpha[cd] + 1,
misValue2).Formula = "Active?";
    }
    else
    {
        startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("I" + readRow,
misValue).Formula.ToString();

    }
    cd++;
}
}

```

```

        if (j == true)
        {
            if (nRow == 1)
            {
                startWorksheet.get_Range(alpha[cd] + 1,
misValue2).Formula = "Money Owed";

            }
            else
            {
                startWorksheet.get_Range(alpha[cd] +
nRow, misValue2).Formula = myExcelWorksheet2.get_Range("J" + readRow,
misValue).Formula.ToString();

                cd++;
            }
        }

        if (nRow == 1) {

            cd = 0;

        }

        nRow++;
    }
    else
    {
        //dont add this one
    }
}
Console.WriteLine("done writing");
//done writing now to view save print based on user
standards and close everything out
//close reading stream
myExcelWorkbook2.Close();
myExcelApp2.Quit();
Console.WriteLine("done closing and quitting excelapp2
and worksheet2");

//format width autofit

Excel.Range excelCells =
(Excel.Range)startWorksheet.UsedRange;
excelCells.Columns.AutoFit();
excelCells.HorizontalAlignment =
Excel.XlHAlign.xlHAlignCenter;

error.Visible = false;
//save?
if (1 == true)
{
    startup.Visible = true;
    startup.DisplayAlerts = true;
    startup.UserControl = true;
    try
    {
        startWorkbook.SaveCopyAs(misValue);
    }
}

```

```

        catch
        {
            //whatever big deal
        }
    }

    //print?
    if (m == true)
    {
        startup.Visible = true;
        startup.DisplayAlerts = true;
        try
        {
            startWorksheet.PrintPreview();
            //don't do .printoutEx() bad dont do
        }
        catch
        {
            //whatever big deal
        }
    }

    //view?
    if (k == true)
    {
        startup.Visible = true;
    }
    //do not quit written file for it is in eyes of user

}

}
}
else
{
    //something must be selected
    error.Text = "*At least view or print must be selected";
    error.Visible = true;
}
}
else {
    error.Text = "*Combo boxes cannot remain empty";
    error.Visible = true;
}
}
else
{
    error.Text = "*Combo boxes cannot remain null";
    error.Visible = true;
    proceed = false;
}
}
}

```

```

private void label19_Click(object sender, EventArgs e)
{

}

private void button7_Click(object sender, EventArgs e)
{
    //reset button
    button25.BackColor = normalcola;
    a = false;
    button24.BackColor = normalcola;
    b = false;
    button23.BackColor = normalcola;
    c = false;
    button22.BackColor = normalcola;
    d = false;
    button21.BackColor = normalcola;
    e1 = false;
    button20.BackColor = normalcola;
    f = false;
    button19.BackColor = normalcola;
    g = false;
    button18.BackColor = normalcola;
    h = false;
    button8.BackColor = normalcola;
    i = false;
    button9.BackColor = normalcola;
    j = false;
    button4.BackColor = normalcola;
    k = false;
    button6.BackColor = normalcola;
    m = false;

    comboBox1.SelectedIndex = 0;
    comboBox2.SelectedIndex = 0;
    checkBox1.Checked = false;
    checkBox2.Checked = false;
    checkBox3.Checked = false;
}

private void button7_MouseHover(object sender, EventArgs e)
{
    button7.BackColor = cola;
}

private void button7_MouseLeave(object sender, EventArgs e)
{
    button7.BackColor = normalcola;
}

private void button4_Click(object sender, EventArgs e)
{
    if (k == false)
    {
        button4.BackColor = s1;
        k = true;
    }
}

```

```

        else if (k == true)
        {
            button4.BackColor = normalcola;
            k = false;
        }
    }

private void button5_Click(object sender, EventArgs e)
{
    if (l == false)
    {
        button5.BackColor = s1;
        l = true;
    }
    else if (l == true)
    {
        button5.BackColor = normalcola;
        l = false;
    }
}

private void button6_Click(object sender, EventArgs e)
{
    if (m == false)
    {
        button6.BackColor = s1;
        m = true;
    }
    else if (m == true)
    {
        button6.BackColor = normalcola;
        m = false;
    }
}

private void button8_MouseHover(object sender, EventArgs e)
{
    if (i == false) { button8.BackColor = cola; }
}

private void button8_MouseLeave(object sender, EventArgs e)
{
    if (i == false) { button8.BackColor = normalcola; }
}

private void button8_Click(object sender, EventArgs e)
{
    if (i == false)
    {
        button8.BackColor = s1;
        i = true;
    }
    else if (i == true)
    {
        button8.BackColor = normalcola;
        i = false;
    }
}

```



```

private void button9_MouseHover(object sender, EventArgs e)
{
    if (j == false) { button9.BackColor = cola; }
}

private void button9_MouseLeave(object sender, EventArgs e)
{
    if (j == false) { button9.BackColor = normalcola; }
}

private void button9_Click(object sender, EventArgs e)
{
    if (j == false)
    {
        button9.BackColor = s1;
        j = true;
    }
    else if (j == true)
    {
        button9.BackColor = normalcola;
        j = false;
    }
}

private void checkBox1_CheckedChanged(object sender, EventArgs e)
{
    //this school only
    if (checkBox1.Checked == true)
    {
        t1.Enabled = true;
    }
    else
    {
        t1.Text = null;
        t1.Enabled = false;
    }
}

private void checkBox2_CheckedChanged(object sender, EventArgs e)
{
    if (checkBox2.Checked == true)
    {
        t2.Enabled = true;
    }
    else
    {
        t2.Text = null;
        t2.Enabled = false;
    }
}

private void checkBox3_CheckedChanged(object sender, EventArgs e)
{
    if (checkBox3.Checked == true)
    {
        t3.Enabled = true;
    }
}

```

```

        else
        {
            t3.Text = null;
            t3.Enabled = false;
        }
    }

private void checkBox4_CheckedChanged(object sender, EventArgs e)
{

}

private void button15_Click(object sender, EventArgs e)
{
    /*
    //owes money box
    if (j == "false")
    {
        money.Text = "Owes Money";
        button15.BackColor = s1;
        j = "true";
    }
    else if (j == "true")
    {
        money.Text = "Does Not Owe Money";
        button15.BackColor = s2;
        j = "none";
    }
    else if (j == "none")
    {
        money.Text = "N.D Money";
        button15.BackColor = normalcola;
        j = "false";
    }
    */
}

private void button20_MouseLeave(object sender, EventArgs e)
{
    if (f == false) { button20.BackColor = normalcola; }
}

private void button17_Click(object sender, EventArgs e)
{
    //back button
    //slide back

    int lx = groupBox1.Location.X;
    int ly = groupBox1.Location.Y;
    int lx2 = groupBox2.Location.X;
    int ly2 = groupBox2.Location.Y;
    double nSize = viewreport.ActiveForm.Size.Height;
    int nSize2 = viewreport.ActiveForm.Size.Width;
    nSize = nSize - 240;
    ly = ly + 200;
    ly2 = ly2 + 200;
    //make it slide

```

```

        double ss2 = 240;
        int lX = Location.X;
        int lY = Location.Y;
        Location = new Point(lX, lY + 150);
        groupBox1.Location = new Point(lx, (int)(ly));
        groupBox2.Location = new Point(lx2, (int)(ly2));
        viewreport.ActiveForm.Size = new Size(nSize2, (int)(nSize));
        changelable.Text = "View Report";

    }

private void button15_MouseHover(object sender, EventArgs e)
{
    //if (j == "false") { button15.BackColor = cola; }
}

private void button4_MouseHover(object sender, EventArgs e)
{
    if (k == false) { button4.BackColor = cola; }
}

private void button15_MouseLeave(object sender, EventArgs e)
{
    // 0    if (j == "false") { button15.BackColor = normalcola; }
}

private void button19_MouseHover(object sender, EventArgs e)
{
    if (g == false) { button19.BackColor = cola; }
}

private void button19_MouseLeave(object sender, EventArgs e)
{
    if (g == false) { button19.BackColor = normalcola; }
}

private void button18_MouseHover(object sender, EventArgs e)
{
    if (h == false) { button18.BackColor = cola; }
}

private void button18_MouseLeave(object sender, EventArgs e)
{
    if (h == false) { button18.BackColor = normalcola; }
}

private void button17_MouseHover(object sender, EventArgs e)
{
    button17.BackColor = cola;
}

private void button17_MouseLeave(object sender, EventArgs e)

```

```

        {
            button17.BackColor = normalcola;
        }

private void button25_Click(object sender, EventArgs e)
{
    //student id
    if (a == false)
    {
        button25.BackColor = sl;
        a = true;
    }
    else if (a == true)
    {
        button25.BackColor = normalcola;
        a = false;
    }
}
}
}
}

```

help.cs



```

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;
namespace WindowsFormsApplication2
{
    public partial class help : Form
    {
        System.Drawing.Color cola = Color.SkyBlue;
        System.Drawing.Color normalcola = Color.SteelBlue;
        public help()
    }
}

```

```

    {
        InitializeComponent();
    }

    private void back_Click(object sender, EventArgs e)
    {
        Close();
    }

    private void back_MouseHover(object sender, EventArgs e)
    {
        back.BackColor = cola;
    }

    private void back_MouseLeave(object sender, EventArgs e)
    {
        back.BackColor = normalcola;
    }
    int gg = 1;
    private void button1_Click(object sender, EventArgs e)
    {
        if (gg == 1)
        {
            button1.Text = "Confirm";
            gg = 2;
        }
        else {
            //uninstal time
            string path = "C://fblaManager";
            Directory.Delete(path, true);
            Application.Exit();
        }
    }
}
}

```

App.config

```

<?xml version="1.0" encoding="utf-8" ?>
<configuration>
    <startup>
        <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5.2" />
    </startup>
</configuration>

```