



University Assignment

Year 2023

First Assignment

Academic Year: 2023
Institute of Mathematics & Computer Science

Labheshwar| 2K20/CSM/50
Visual Programming (C#)
Date of Submission: March 11, 2023

CODE

```
// Code by Labheshwar
// Roll Number (2K20/CSM/50)
// Description: CodeLab by Labesh is an bootcamp (online courses)
//              that aims to provide essential courses at reasonable prices

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 _2FormAssignment2
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void headerLabel_Paint(object sender, PaintEventArgs e)
        {
            ControlPaint.DrawBorder(e.Graphics,
                headerLabel.DisplayRectangle, Color.Lime, ButtonBorderStyle.Solid);
        }

        private void signInButton_Click(object sender, EventArgs e)
        {
            if (studentIdTextBox.Text != "" && nameTextBox.Text != "")
            {
                welcomeRichTextBox.Text = "Welcome Student #"
                    + studentIdTextBox.Text
                    + Environment.NewLine + nameTextBox.Text;

                studentIdLabel.Visible = false;
                studentIdTextBox.Visible = false;
                nameLabel.Visible = false;
                nameTextBox.Visible = false;
            }
        }

        private void printButton_Click(object sender, EventArgs e)
        {
            printForm1.PrintAction = System.Drawing.Printing.PrintAction.PrintToPreview;
            printForm1.Print();
        }

        private void exitButton_Click(object sender, EventArgs e)
        {
            this.Close();
        }
    }
}
```

```

private void webDesRadioButton_CheckedChanged(object sender, EventArgs e)
{
    if (imageVisibleCheckBox.Checked)
    {
        coursesPictureBox.Image = _2FormAssignment2.Properties.Resources.webdes;
        promotionsTextBox.Text =
            "Learn essential tech skills like HTML, CSS + Bootstrap and JS) at the cheapest
            price";
    }
}

private void webDevRadioButton_CheckedChanged(object sender, EventArgs e)
{
    if (imageVisibleCheckBox.Checked)
    {
        coursesPictureBox.Image = _2FormAssignment2.Properties.Resources.mern;
        promotionsTextBox.Text = "Learn advance full stack web development at cheapest";
    }
}

private void winFormRadioButton_CheckedChanged(object sender, EventArgs e)
{
    if (imageVisibleCheckBox.Checked)
    {
        coursesPictureBox.Image = _2FormAssignment2.Properties.Resources.winform;
        promotionsTextBox.Text =
            "Learn Visual Programming in C# and become a windows developer";
    }
}

private void dotNetRadioButton_CheckedChanged(object sender, EventArgs e)
{
    if (imageVisibleCheckBox.Checked)
    {
        coursesPictureBox.Image = _2FormAssignment2.Properties.Resources.dotnet;
        promotionsTextBox.Text =
            "Learn the most demanding skill in the market at absolute cheap price";
    }
}

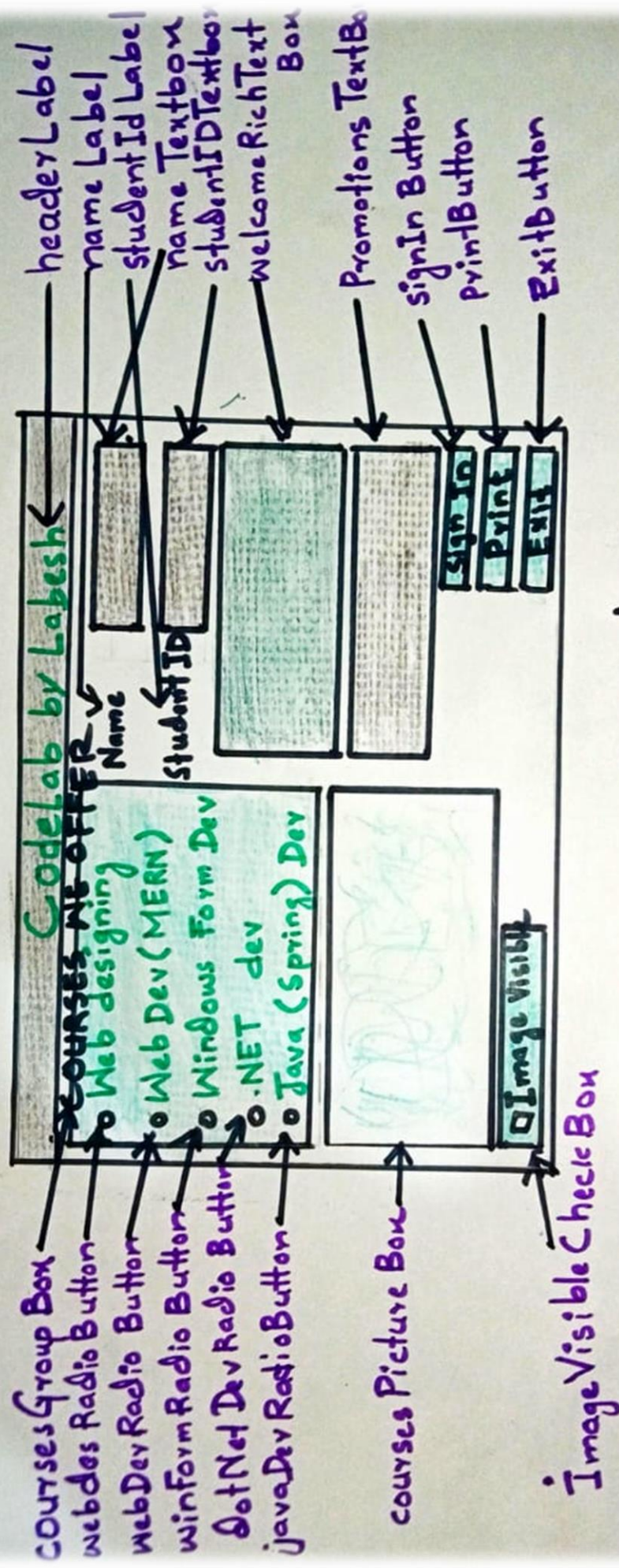
private void javaDevRadioButton_CheckedChanged(object sender, EventArgs e)
{
    if (imageVisibleCheckBox.Checked)
    {
        coursesPictureBox.Image = _2FormAssignment2.Properties.Resources.javadev;
        promotionsTextBox.Text = "Learn the most high paid skill at the cheapest price";
    }
}
}
}

```

OBJECTS AND PROPERTIES

<u>Object</u>	<u>Property</u>	<u>Setting</u>
<u>headerLabel</u>	BackColor	Black
	ForeColor	Lime
	BorderStyle	FixedSingle
	Font	Corbel
	FontStyle	Bold
	FontSize	24
	Text	CodeLab By Labesh
<u>webDesRadioButton</u>	Font	Corbel
	FontSize	10pt
	ForeColor	Lime
	Text	Web Designing
<u>webDevRadioButton</u>	Font	Corbel
	FontSize	10pt
	ForeColor	Lime
	Text	Web Development (MERN Stack)
<u>winFormRadioButton</u>	Font	Corbel
	FontSize	10pt
	ForeColor	Lime
	Text	Windows Form Developer
<u>dotNetRadioButton</u>	Font	Corbel
	FontSize	10pt
	ForeColor	Lime
	Text	.NET Developer
<u>javaDevRadioButton</u>	Font	Corbel
	FontSize	10pt
	ForeColor	Lime
	Text	Java (Spring) Developer
<u>coursesPictureBox</u>	SizeMode	Stretch
<u>imageVisibleCheckBox</u>	BackColor	Lime
	Cursor	Hand
	Font	Corbel
	FontSize	14pt
	ForeColor	Black
	Text	Image Visible
<u>nameLabel</u>	Font	Corbel
	FontSize	12pt
	ForeColor	WhiteSmoke
	Text	Name
<u>studentIdLabel</u>	Font	Corbel
	FontSize	12pt
	ForeColor	WhiteSmoke
	Text	Student ID
<u>welcomeRichTextBox</u>	BackColor	Lime
	BorderStyle	Fixed3D
	Font	Corbel
	FontSize	20pt
	ForeColor	Black

<u>promotionsTextBox</u>	BackColor BorderStyle Font FontSize FontColor	Black FixedSingle Corbel 12pt Lime
<u>signInButton</u>	BackColor Cursor Font FontSize FontColor Text	Lime Hand Corbel 12pt Black Sign In
<u>printButton</u>	BackColor Cursor Font FontSize FontColor Text	Lime Hand Corbel 12pt Black Print
<u>exitButton</u>	BackColor Cursor Font FontSize FontColor Text	Lime Hand Corbel 12pt Black Exit
<u>Form1</u>	WindowState	Maximized
<u>coursesGroupBox</u>	BackgroundImage Font FontSize FontColor Text	Stretch Corbel 12pt WhiteSmoke COURSES WE OFFER



BY. LABHESHWAR

2K20/CSM/50

Graphical User Interface

