Graphical user interface, application

AI-generated content may be incorrect.

This is the program when it first starts up. Note my name. The dropdown is already open, which I don’t like, but that’s how it is.

Graphical user interface, text, application, email

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Selecting a course and pressing the button registers you for that course, prints a confirmation message, lists the course in the registered courses list, and updates the credit hours.

Graphical user interface, text, application, email

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Attempting to register for an already registered course prints a message saying you have already registered for it and does nothing else. I also fixed a typo here that was present in the video (registered was missing the last e).

Graphical user interface, text, application, email

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Registering for a second course prints the proper message, adds it to the list, and updates the credit hours.

Graphical user interface, text, application, email

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And you can’t register for that one a second time either.

Graphical user interface, text, application, email

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You can register for up to 9 credit hours.

Graphical user interface, text, application, email

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Attempting to register for more than this prints the above message and does nothing else.

Graphical user interface, text, application, email

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Despite this, attempting to register for an already-registered course still prints the message that you’re already registered for it. Even though nothing else can happen at this point, the program will continue to run until it is manually exited.

Below is the source code of the MainWindow.xaml file. In bold is the part I wrote.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows;

using System.Windows.Controls;

using System.Windows.Data;

using System.Windows.Documents;

using System.Windows.Input;

using System.Windows.Media;

using System.Windows.Media.Imaging;

using System.Windows.Navigation;

using System.Windows.Shapes;

namespace WPFRegisterStudent

{

/// <summary>

/// Interaction logic for MainWindow.xaml

/// </summary>

public partial class MainWindow : Window

{

Course choice;

int currentCreditHours = 0;

int maxCreditHours = 9;

public MainWindow()

{

InitializeComponent();

}

private void Window\_Loaded(object sender, RoutedEventArgs e)

{

Course course1 = new Course("IT 145");

Course course2 = new Course("IT 200");

Course course3 = new Course("IT 201");

Course course4 = new Course("IT 270");

Course course5 = new Course("IT 315");

Course course6 = new Course("IT 328");

Course course7 = new Course("IT 330");

this.comboBox.Items.Add(course1);

this.comboBox.Items.Add(course2);

this.comboBox.Items.Add(course3);

this.comboBox.Items.Add(course4);

this.comboBox.Items.Add(course5);

this.comboBox.Items.Add(course6);

this.comboBox.Items.Add(course7);

this.textBox.Text = "";

}

private void button\_Click(object sender, RoutedEventArgs e)

**{**

**choice = (Course)(this.comboBox.SelectedItem);**

**if (choice.IsRegisteredAlready() == false && currentCreditHours < maxCreditHours && currentCreditHours + 3 <= maxCreditHours)**

**{**

**choice.SetToRegistered();**

**this.listBox.Items.Add (choice);**

**currentCreditHours += 3;**

**this.label3.Content = $"Registration Confirmed for course {choice}.";**

**this.textBox.Text = currentCreditHours.ToString();**

**}**

**else if (choice.IsRegisteredAlready() == true)**

**{**

**this.label3.Content = $"You have already registered for this {choice} course.";**

**}**

**else if (currentCreditHours >= maxCreditHours || currentCreditHours + 3 > maxCreditHours)**

**{**

**this.label3.Content = $"You cannot register for more than {maxCreditHours} credit hours.";**

**}**

**}**

}

}