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| --- | --- |
| A screen shot of a computer  AI-generated content may be incorrect. | In this screenshot, one course has been confirmed so far and added into the list box of confirmed courses. Every course is 3 credit hours, so right now, the user has 3 credit hours taken. |
| A screenshot of a computer  AI-generated content may be incorrect. | The user tries to add the same course again, only for the program to tell them that they have already been registered for the course, so they cannot register for it again. Credit hours remain the same. |
| A screenshot of a computer  AI-generated content may be incorrect. | After the user selects three courses, they try to add one more. However, as each course is 3 credit hours and they can only have a maximum of 9 credit hours, the program tells them they cannot register for more than 9 credit hours. |

using System.Windows;

namespace WPFRegisterStudent

{

public partial class MainWindow : Window

{

Course choice;

int credits;

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)

{

// assigns choice to the course the user selects

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

// if choice has not already been a confirmed course,

// adds it to the list of confirmed courses

if (choice.IsRegisteredAlready() == false && credits < 9)

{

this.listBox.Items.Add(choice);

label3.Content = "Registration Confirmed for course " + choice.ToString();

// adds credits to the total credit hours

credits += 3;

this.textBox.Text = "" + credits;

// makes choice to confirm as already registered course

choice.SetToRegistered();

}

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

{

// choice has already been registered

label3.Content = "You have registered for this " + choice.ToString() + " course";

}

else if (credits == 9)

{

label3.Content = "You cannot register for more than 9 credit hours";

}

}

}

}