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;  
 private int totalCredits = 0;   
 private const int MAX\_CREDITS = 9;   
 private List<Course> registeredCourses = new List<Course>();  
  
  
 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)  
 {  
 if (comboBox.SelectedItem != null)  
 {  
 choice = (Course)(this.comboBox.SelectedItem);  
 if (registeredCourses.Contains(choice))  
 {  
 label3.Content = $"You have already registered for this {choice.ToString()} course.";  
 return;  
 }  
 if (totalCredits + 3 > MAX\_CREDITS)  
 {  
 label3.Content = $"You can not register for more than 9 credit hours.";  
 return;  
 }  
 registeredCourses.Add(choice);  
 listBox.Items.Add(choice.ToString());  
 totalCredits += 3;  
 textBox.Text = $"{totalCredits}";  
 label3.Content = $"Registration Confirmed for course {choice.ToString()}.";  
 }  
 }  
  
 }  
}

