1. **Screenshot 1 (Course Selection Prompt)**A screenshot of a computer

   AI-generated content may be incorrect.  
   Description: This screenshot shows the prompt asking the user to select a course to register for. It displays the available course options with numbers inside square brackets (e.g., [1] IT 145, [2] IT 200, etc.).
2. **Screenshot 2 (Invalid Course Selection)  
   A screenshot of a computer

   AI-generated content may be incorrect.**Description: This screenshot shows the error message when the user enters an invalid course number outside the valid range (1-7). For example, if the user enters a number like 8, the program will print an error message indicating that the selection is not a recognized course.
3. **Screenshot 3 (Already Registered for Course)  
   A screen shot of a computer

   AI-generated content may be incorrect.**Description: This screenshot shows the message displayed when the user tries registering for a course they have already registered for. The program will indicate that the selected course has already been chosen, and the user cannot register for it again.
4. **Screenshot 4 (Exceeding Credit Limit)  
   A screen shot of a computer

   AI-generated content may be incorrect.**Description: This screenshot shows the program’s response when the user tries to register for a fourth course, causing their total credit hours to exceed 9 (the limit). The program will display a message saying, “You cannot register for more than 9 credit hours.”
5. **Screenshot 5 (Successful Registration)  
   A screenshot of a computer

   AI-generated content may be incorrect.**Description: This screenshot shows the confirmation message after the user successfully registers for a course. The program will confirm which course was selected and also update the list of registered courses, showing them in the order of selection (first, second, or third).
6. **Screenshot 6 (Repeat Registration Prompt)  
   A screenshot of a computer

   AI-generated content may be incorrect.**Description: This screenshot shows the program asking the user if they want to try again (i.e., register for another course). The prompt should ask, “Do you want to try again? (Y|N)? :” and the user’s response, either “Y” (for yes) or “N” (for no), will be shown.

**Source Code:**

**using System;**

**using System.Collections.Generic;**

**using System.Linq;**

**using System.Text;**

**using System.Threading.Tasks;**

**namespace ConsoleRegisterStudent**

**{**

**class Program**

**{**

**static void Main(string[] args)**

**{**

**(new Program()).run();**

**}**

**void run()**

**{**

**int choice;**

**int firstChoice = 0, secondChoice = 0, thirdChoice = 0;**

**int totalCredit = 0;**

**string yesOrNo = "";**

**System.Console.WriteLine("Kellan-Fernandez");**

**do**

**{**

**WritePrompt();**

**choice = Convert.ToInt32(Console.ReadLine());**

**switch (ValidateChoice(choice, firstChoice, secondChoice, thirdChoice, totalCredit))**

**{**

**case 1:**

**Console.WriteLine($"Your entered selection {choice} is not a recognized course.");**

**break;**

**case 2:**

**Console.WriteLine("You have already registerd for this {0} course.", ChoiceToCourse(choice));**

**break;**

**case 3:**

**Console.WriteLine("You can not register for more than 9 credit hours.");**

**break;**

**case 0:**

**Console.WriteLine("Registration Confirmed for course {0}.", ChoiceToCourse(choice));**

**totalCredit += 3;**

**if (firstChoice == 0)**

**firstChoice = choice;**

**else if (secondChoice == 0)**

**secondChoice = choice;**

**else if (thirdChoice == 0)**

**thirdChoice = choice;**

**break;**

**}**

**WriteCurrentRegistration(firstChoice, secondChoice, thirdChoice);**

**Console.Write("\nDo you want to try again? (Y|N)? : ");**

**yesOrNo = (Console.ReadLine()).ToUpper();**

**} while (yesOrNo == "Y");**

**Console.WriteLine("Thank you for registering with us");**

**}**

**void WritePrompt()**

**{**

**Console.WriteLine("Please select a course for which you want to register by typing the number inside []");**

**Console.WriteLine("[1]IT 145\n[2]IT 200\n[3]IT 201\n[4]IT 270\n[5]IT 315\n[6]IT 328\n[7]IT 330");**

**Console.Write("Enter your choice : ");**

**}**

**int ValidateChoice(int choice, int firstChoice, int secondChoice, int thirdChoice, int totalCredit)**

**{**

**if (choice < 1 || choice > 7)**

**return 1;**

**else if (choice == firstChoice || choice == secondChoice || choice == thirdChoice)**

**return 2;**

**else if (totalCredit >= 9)**

**return 3;**

**return 0;**

**}**

**void WriteCurrentRegistration(int firstChoice, int secondChoice, int thirdChoice)**

**{**

**if (secondChoice == 0)**

**Console.WriteLine("You are currently registered for {0}", ChoiceToCourse(firstChoice));**

**else if (thirdChoice == 0)**

**Console.WriteLine("You are currently registered for {0}, {1}", ChoiceToCourse(firstChoice), ChoiceToCourse(secondChoice));**

**else**

**Console.WriteLine("You are currently registered for {0}, {1}, {2}", ChoiceToCourse(firstChoice), ChoiceToCourse(secondChoice), ChoiceToCourse(thirdChoice));**

**}**

**string ChoiceToCourse(int choice)**

**{**

**string course = "";**

**switch (choice)**

**{**

**case 1:**

**course = "IT 145";**

**break;**

**case 2:**

**course = "IT 200";**

**break;**

**case 3:**

**course = "IT 201";**

**break;**

**case 4:**

**course = "IT 270";**

**break;**

**case 5:**

**course = "IT 315";**

**break;**

**case 6:**

**course = "IT 328";**

**break;**

**case 7:**

**course = "IT 330";**

**break;**

**default:**

**break;**

**}**

**return course;**

**}**

**}**

**}**