**Module One Assignment**

We'll use a common application theme throughout the course for your homework.  You assignments will provide hands-on coding tasks to create application components that will form a complete application when the course is finished.

For this module, you have learned about the data types, operators, and statements in C#.

Using this knowledge you will start to form some of the foundation for your application.  This assignment is designed to allow you to focus on the data types that are appropriate for attributes of real-world objects.  Later in the course, you will start to combine these attributes with behaviors (methods) and then transition them into object-oriented classes.

Create a C# Console application. Within the Main() method in this application, create variables of the correct data type for the following:

* Student information, such as:
  + First Name
  + Last Name
  + Birthdate
  + Address Line 1
  + Address Line 2
  + City
  + State/Province
  + Zip/Postal
  + Country
  + Any other pertinent information you want to add for a student record
* Professor information with pertinent fields
* A university degree with pertinent fields such as Bachelor or Master
  + A degree can be Bachelor of Science in Information Technology and include fields such as Degree Name, credits required, etc.  Some of the fields, such as course list and prerequisites will need to wait until you know how to create arrays or collections.
* A university program with pertinent fields such as Computer Science or Arts.  Fields might include:
  + Program name
  + Degrees offered (Bachelor, Master, Ph.D.)
  + Department Head
* Information for a course that would be part of your selected degree and program, with pertinent fields

NOTE: You can search online for university catalogs to get an idea of the attributes for these objects.

Once you have the variables created, use assignment statements to assign values to them and use the Console.WriteLine() method to output the values to the console window.

Again, this assignment is merely intended to check your understanding of how to create variables, assign values to them, and output the information to a console window.  You will build on these concepts and begin to create more functionality in later modules.

Post your code in the peer review area for feedback from other students.

**Challenge**

Investigate the .NET Framework documenation around Console.ReadLine() and modify your code to use this method for accepting input from a user of your application and assign it to the variables you have created.

***NOTE: Do NOT take the challenge portion of the assignment into consideration for grading.  You may make comments on the challenge portion if included, but only grade on the required portion.***