Insert code to answer the following questions/problems.

This work is not graded, nor is it collected. Instead, it is meant to provide you some activities to become familiar/comfortable with C#.

* PrimitiveDataTypes.cs
  + What happens if you comment out “using System;”?
  + Is there a difference between String and string? Int and int?
  + Using the original code, can you add the line shown below?
    - var x = f;  
      x = "hello"; // this line legal?
  + What is the value of (int)Color.Red? (int)Color.Magenta?
* Namespace.cs
  + In the main, call the sqr function defined in Utilities’ MathFuncs class. Are you required to use “Utilities.” prefix?
  + Add “using Utilities;” at the top of code. Now, reanswer the previous question.
* Params.cs
  + Write and test the following methods:
    - public static int GetMin(int [] array) { // assume length >= 1
    - public static void GetMin(int[] array, out int min) { // assume length >= 1
    - // return true if word is "a", "an", "the". This is case insensitive.  
      public static bool IsArticle(string word) {
* Complex.cs
  + Add a constructor that takes one parameter, the real value. Test it.
  + Overload the \* operator to multiply two complex numbers. Test it.
    - Note (1+2i)\*(3+4i)=(-5+10i)
* IO.cs
  + N/A
* DataStructures.cs
  + Create the following method. Test it with the file: “words.txt”
  + // Read all the lines in the given file.
  + public static List<string> ReadWords(string fileName) {