**Programming Exercise**

Create a C# console application that is a simple version of Mastermind.

The randomly generated answer should be four (4) digits in length, with each digit ranging from 1 to 6.

After the player enters a combination, a minus (-) sign should be printed for every digit that is correct but in the wrong position, and a plus (+) sign should be printed for every digit that is both correct and in the correct position.

Print all plus signs first, all minus signs second, and nothing for incorrect digits.

The player has ten (10) attempts to guess the number correctly before receiving a message that they have lost.

**For example:**

If the secret answer were: 1234

And the user guessed: 4233

The hint should be: ++-

**Publish the source code to Github and provide the (public) link for review.**