Day 3 Assignment

1. Complete lab Day 2.

Note:

A complex number has two parts: the real part and the imaginary part. In a number such as a+bi (2-3i, for example) the real part would be "a" (2) and the imaginary part would be "b" (-3).

## Create a class ComplexNumber with:  1- Constructors to set the values for the real part and the imaginary part. (Use Constructor Chaining) 2- Setters and getters for both.  3- A method "GetMagnitude" to return the magnitude of the complex number (square root of a2+b2)  4- Provide operator functions for \*,/, =>, <=,+,- and ++

## 5- Provide implicit and explicit casting operators.

Bonus:

## Create a method "ToString", which would return "(2,-3)".