

Ceng 241 Lab Work 6

Operator Overloading: Overloading Stream-Insertion and Stream-Extraction Operators, overloading addition, subtraction, division and multiplication operators

Implement a **ComplexNumber** class. For this exercise, the real and imaginary parts should be **integer**. The public interface consists of methods to

- Create at least two Complex number
- Compute the subtraction of two Complex numbers by overloading subtraction operator
- Compute the addition of two Complex numbers by overloading addition operator
- Overload stream insertion (>>) operator for entering data from keyboard
- Overload stream extraction (<<) operator for displaying data on the screen
- Compare two Complex Numbers by overloading "==" , ">=" and ">" operators