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CMPT 220 Project 4

UML

Complex

-double: a -double: b

Complex()

Complex(a: double)

Complex(a: double, b: double)

+add(complex2: Complex): Complex

+subtract(complex2: Complex): Complex +multiply(complex2: Complex): Complex

+divide(complex2: Complex): Complex

+abs(): double

+getRealPart(): double

+getImaginaryPart(): double

+toString(): String +clone(): Object

+compareTo(a2: Complex): int