UML Diagram

Complex
realPart: double imagePart: double
Complex(double a, double b) Complex(double a) Complex() add(Complex c): String subtract(Complex c): String multiply(Complex c): String divide(Complex c): String getRealPart(): double getImaginaryPart(): double abd(): double toString(): String

RUNNING RESULT

```
Enter the first complex number: 3.5 5.5
Enter the second complex number: -3.5 1
((3.5 + 5.5)) + ((-3.5 + 1.0)) = 0.0 + 6.5i
((3.5 + 5.5)) - ((-3.5 + 1.0)) = 7.0 + 4.5i
((3.5 + 5.5)) * ((-3.5 + 1.0)) = -17.75 + -15.75i
((3.5 + 5.5)) / ((-3.5 + 1.0)) = -0.5094 + -1.717i
|(3.5 + 5.5)| = 6.5192024052026 49
false
3.5
5.5
```