Universal Parabolic Constant

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Chapter 1

Problem Domain

User

+ Name: String

Operator

+ getOperand1(): double
+ getOperand2(): double
+ calculate():double
+ display():double

Operand

+ Number: double

+ getUniversalParabolicConstant(): double

Operation

+ operand1: double
+ operand2 : double

+ add(): double
+ subtract(): double
+ multiply(): double
+ divide(): double

Constant

+ Constantno: double
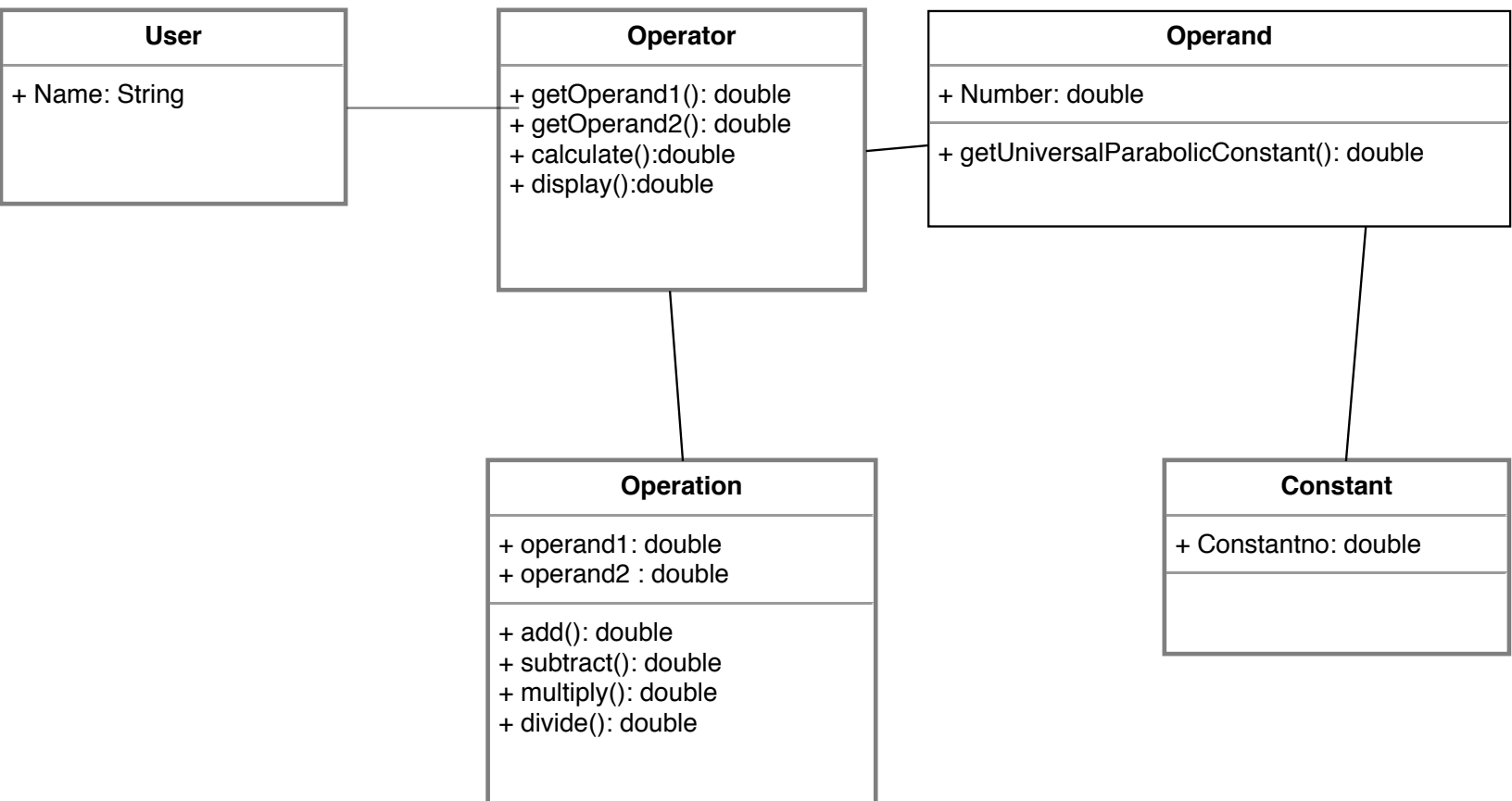
1.1 Description

A calculator has 4 operators which are Add, Subtract, Multiply, Divide.

1.1.1 User

A user is a person who is using the calculator.

1.1.2 Operator

A user can use an operator to perform his calculation.

1.1.3 Operand

Operand class shall be used to get all the irrational number.

1.1.4 Operation

Addition, subtraction, multiplication and division are performed by this class.

1.1.5 Constant

This class is for the Universal parabolic constant.