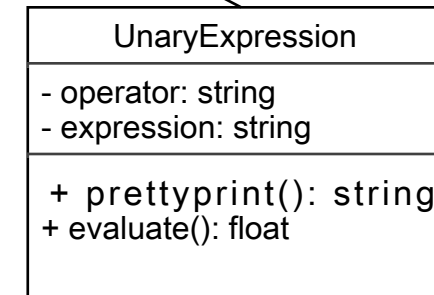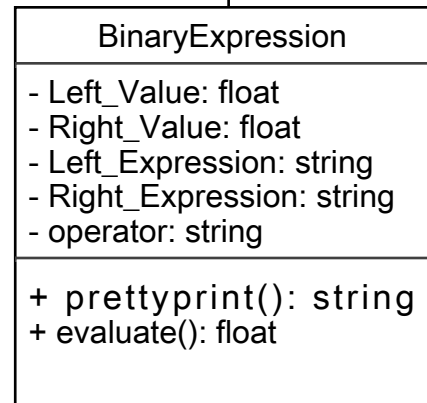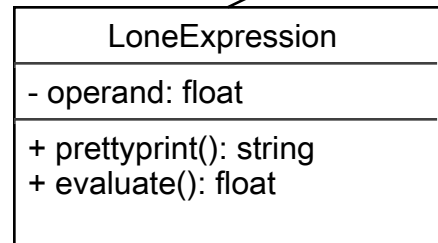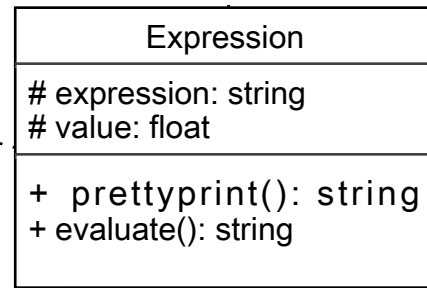expression: used to store the nominal representation of the expression
value: Used to store the final value of the expression

Expression

expression: string
value: float

+ prettyprint(): string
+ evaluate(): string

LoneExpression

- operand: float

+ prettyprint(): string
+ evaluate(): float

BinaryExpression

- Left_Value: float
- Right_Value: float
- Left_Expression: string
- Right_Expression: string
- operator: string

+ prettyprint(): string
+ evaluate(): float

UnaryExpression

- operator: string
- expression: string

+ prettyprint(): string
+ evaluate(): float

Operand: Used to store the operand of lone expression

operator: indicates the operaton of the unary expression
expression: used to store the textual representation of the target expression

Left_Value: used to store the value of the left expression
Right_Value: used to store the value of the right expression
Left_Expression: used to store the textual representation of LHS expression
Right_Expression: used to store the textual representation of RHS expression
operator: Indicates the operaton of the binary expression