Iteration 4

ContextType<Enum>
NORMAL
REVERSE

Context
- _isReverse : ContextType
+ Context (ContextType)
+ Context()
+ isReverse() : ContextType

Client
+main()

NumberExpression
- number: int
+ NumberExpression(int)
+ interpret(Context): Integer

<<Interface>> Expression
+ interpret(Context): Object

BooleanExpression
- boolvalue: bool
+ BooleanExpression(bool)
+ interpret(Context): Boolean

AddExpression
- leftExpression: Expression<Integer>
- rightExpression: Expression<Integer>
+ AddExpression(Expression<Integer>, Expression<Integer>)
+ interpret(Context): Integer

RandomExpression
- SmallExpression: Expression<Integer>
- BigExpression:Expression<Integer>
+ RandomExpression()
+ RandomExprssion(Expression<Integer>)
+ RandomExprssion(Expression<Integer>, Expression<Integer>)
+ interpret(Context): Integer

IncrementExpression
- expression: Expression<Integer>
+ IncrementExpression(Expression<Integer>)
+ interpret(Context): Integer

XorExpression
- leftExpression: Expression<Boolean>
- RightExpression: Expression<Boolean>
+ XorExpression(Expression<Boolean>, Expression<Boolean>)
+ interpret(Context): Boolean