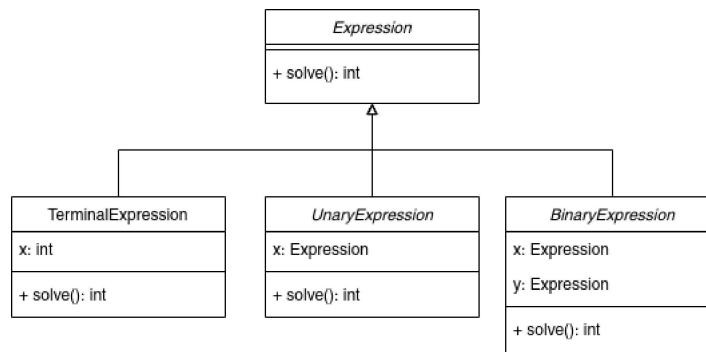|	
Started on	Thursday, 17 February 2022, 12:33 PM
State	Finished
Completed on	Thursday, 17 February 2022, 6:28 PM
Time taken	5 hours 55 mins
Grade	**100.00** out of 100.00

Time limit	1 s
Memory limit	64 MB

Diberikan empat buah class Expression, UnaryExpression, BinaryExpression, dan TerminalExpression. UnaryExpression merupakan ekspresi matematika yang menerima 1 parameter, BinaryExpression menerima 2 parameter, dan TerminalExpression merepresentasikan sebuah angka. Berikut file Expression.hpp dan Expression.cpp (untuk memudahkan, semua definisi dan implementasi digabung ke file yang sama, tapi jangan ditiru ya!).

```
Expression
+ solve(): int
```

```
TerminalExpression        UnaryExpression          BinaryExpression
x: int                    x: Expression            x: Expression
                                                   y: Expression
+ solve(): int            + solve(): int           + solve(): int
```

Anda diminta untuk membuat class AddExpression dan SubtractExpression yang diturunkan dari BinaryExpression, serta class NegativeExpression yang diturunkan dari UnaryExpression.

Contoh Main	Contoh Output
```e = new AddExpression(new TerminalExpression(4), new TerminalExpression(6)); e->solve()```	10
```e = new SubstractExpression(new TerminalExpression(4), new TerminalExpression(6)); e->solve()```	-2
```e = new NegativeExpression(new TerminalExpression(1)); e->solve()```	-1

Kumpulkan dalam **Expression.zip** berisi AddExpression.hpp, AddExpression.cpp, SubstractExpression.hpp, SubstractExpression.cpp, NegativeExpression.hpp, dan NegativeExpressio.cpp!

C++14

📋 Expression.zip

Score: 50

Blackbox

Score: 50

Verdict: Accepted

Evaluator: Exact

No	Score	Verdict	Description
1	10	Accepted	0.00 sec, 2.93 MB
2	10	Accepted	0.00 sec, 2.88 MB
3	10	Accepted	0.00 sec, 2.99 MB
4	10	Accepted	0.00 sec, 2.88 MB

No	Score	Verdict	Description
5	10	Accepted	0.02 sec, 2.84 MB

Jump to...