**Problem**: Create two classes that implement the arithmetic interface. One class does “normal” integer arithmetic. The other implements modular “clock” arithmetic. Both classes store the result of the most recent calculation.

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| ClockArithmetic |
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| - fixValue(x : int) : int |

**UML**:

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| <<interface>> Arithmetic |
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| + add(a : int, b : int) : int  + subtract(a : int, b : int) : int |

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| IntegerArithmetic |
| - recent\_results : int |
| + getRecentResult() : int |