```
TransitionSystem

ADT adt_added

Signature

Sorts
    nat

Generators
    // Base of nat
    zero: nat
    // increment of nat
    succ: nat -> nat

    add: nat, nat -> nat

Variables
    val1        : nat
    val2        : nat

initialState = add(succ(zero), succ(succ(zero)))
//initialState = add(succ(succ(zero)), add(zero, zero))

Strategies
    Add = {add($val1, zero) -> $val1,
           add($val1, succ($val2)) -> add(succ($val1), $val2)}

    Try(V) = Choice(V, Identity)

    Computations = Try(Add())

Transitions
    Compute = Computations()
```