_ Credit Card
(limit, balance, INIT, withdraw, deposit, withdraw Avail)
$limit : \mathbb{N}$
$limit \in \{1000, 2000, 5000\}$
$balance: \mathbb{Z}$
$balance + limit \ge 0$
_ INIT
balance = 0
Withdraw
$\Delta(balance)$
amount?: N
$amount? \le balance + limit$
balance' = balance - amount?
_ Deposit
$\Delta(balance)$
$amount?: \mathbb{N}$
balance' = balance + amount?
WithdrawAvail
$\Delta(balance)$
$amount!: \mathbb{N}$
amount! = balance + limit
balance' = -limit