Formula		
precondition	**statement**	**postcondition**
{true}	statement	{balanceChangedResult(\result, balance, \old(balance), x)}

Global Conditions
OVERDRAFT_LIMIT = 0

Variables
LOCAL int newBalance
RETURN boolean ret
PARAM int x
PUBLIC int balance
PUBLIC final int OVERDRAFT...

Composition	
precondition	**postcondition**
{true}	{balanceChangedResult(\result, balance, \old(balance), x)}
statement 1	**intermediate condition**	**statement 2**
statement1	{newBalance = balance + x}	statement2

Statement1

precondition	statement	postcondition
{true}	newBalance = balance + x;	{newBalance = balance + x}

Composition	
precondition	**postcondition**
{newBalance = balance + x}	{balanceChangedResult(\result, balance, \old(balance), x)}
statement 1	**intermediate condition**	**statement 2**
statement1	{balanceChangedResult(ret, balance, \old(balance), x)}	statement2

SelectionStatement1

SelectionStatement IF..FI	
guards	
newBalance < this.OVERDRAFT_LIMIT	newBalance >= this.OVERDRAFT_LIMIT
precondition	
(newBalance = balance + x) & (newBalance <	(newBalance = balance + x) & (newBalance >=
statements	
statement	statement
postcondition	
{balanceChangedResult(ret, balance, \old(balance), x)}	

ReturnStatement1

precondition	ReturnStatement	postcondition
{balanceChangedResult(ret, balance, \old(balance), x)}	ret;	{balanceChangedResult(\result, balance, \old(balance), x)}

Statement2

precondition	statement	postcondition
{modifiable(\nothing); (newBalance = balance + x) & (newBalance < this.OVERDRAFT_LIMIT)}	ret = false;	{balanceChangedResult(ret, balance, \old(balance), x)}

Statement3

precondition	statement	postcondition
{modifiable(\nothing); (newBalance = balance + x) & (newBalance >= this.OVERDRAFT_LIMIT)}	balance = newBalance; ret = true;	{balanceChangedResult(ret, balance, \old(balance), x)}