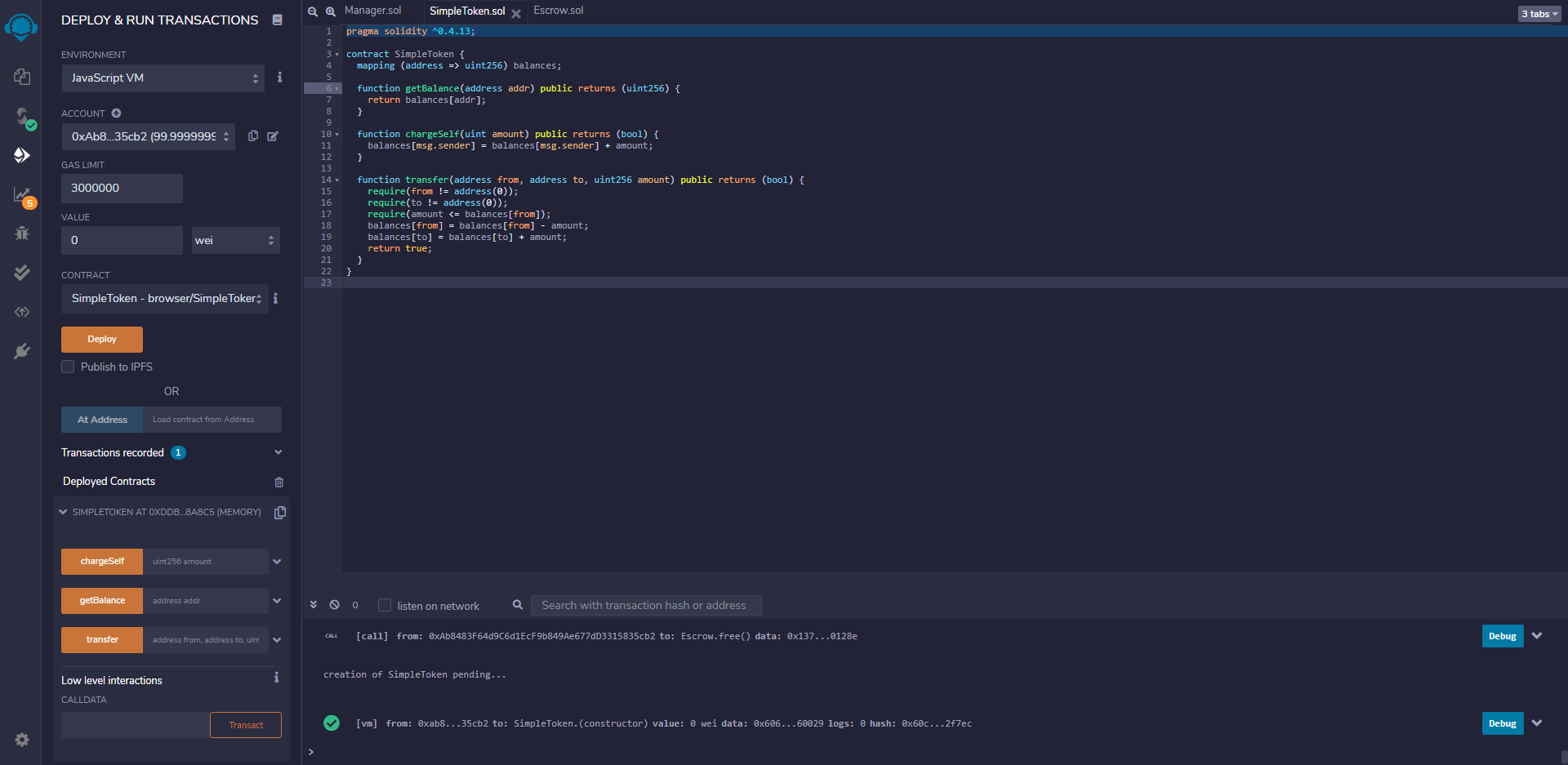
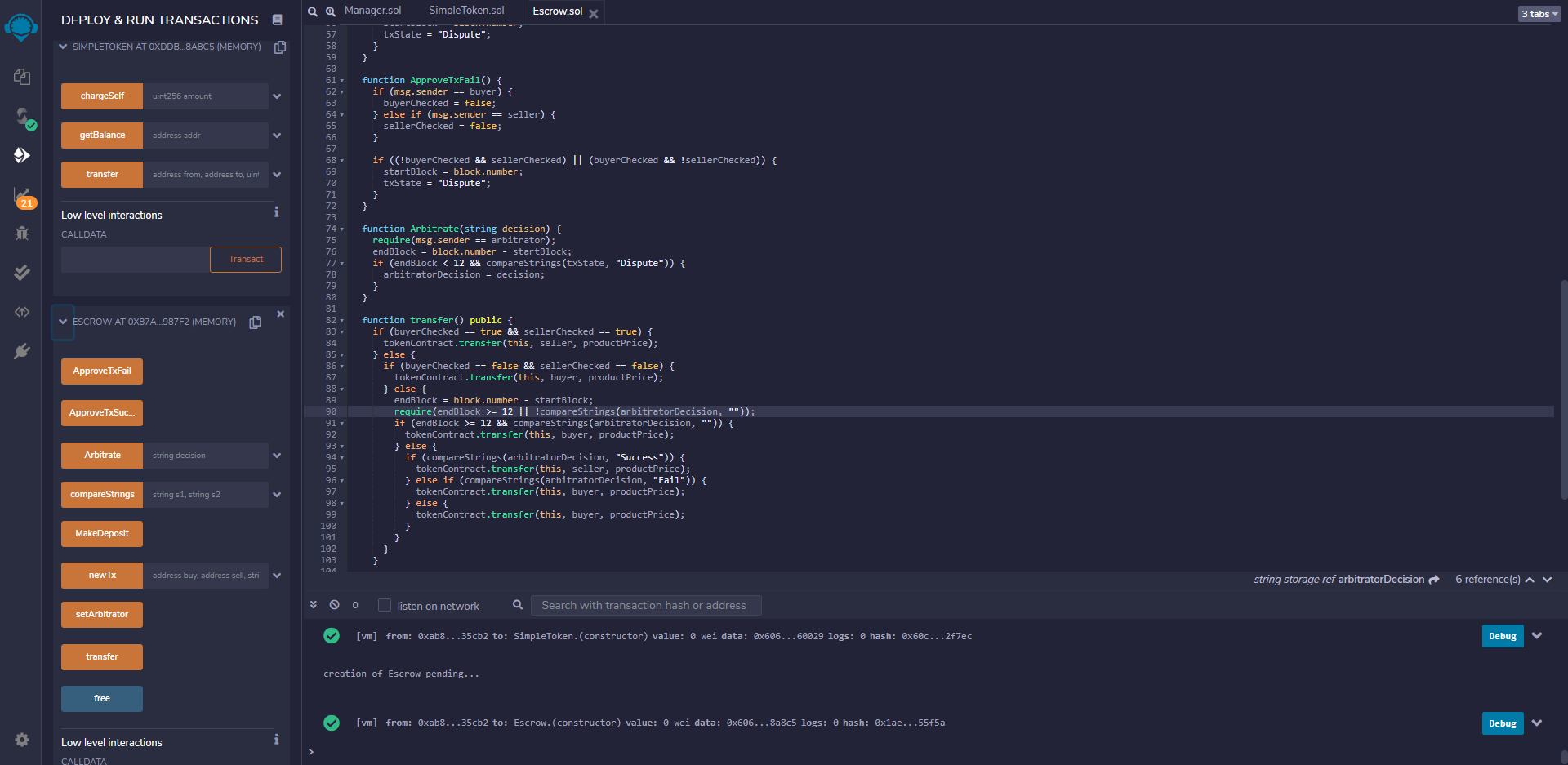
Transaction with tokens

1. Buyer success & seller success

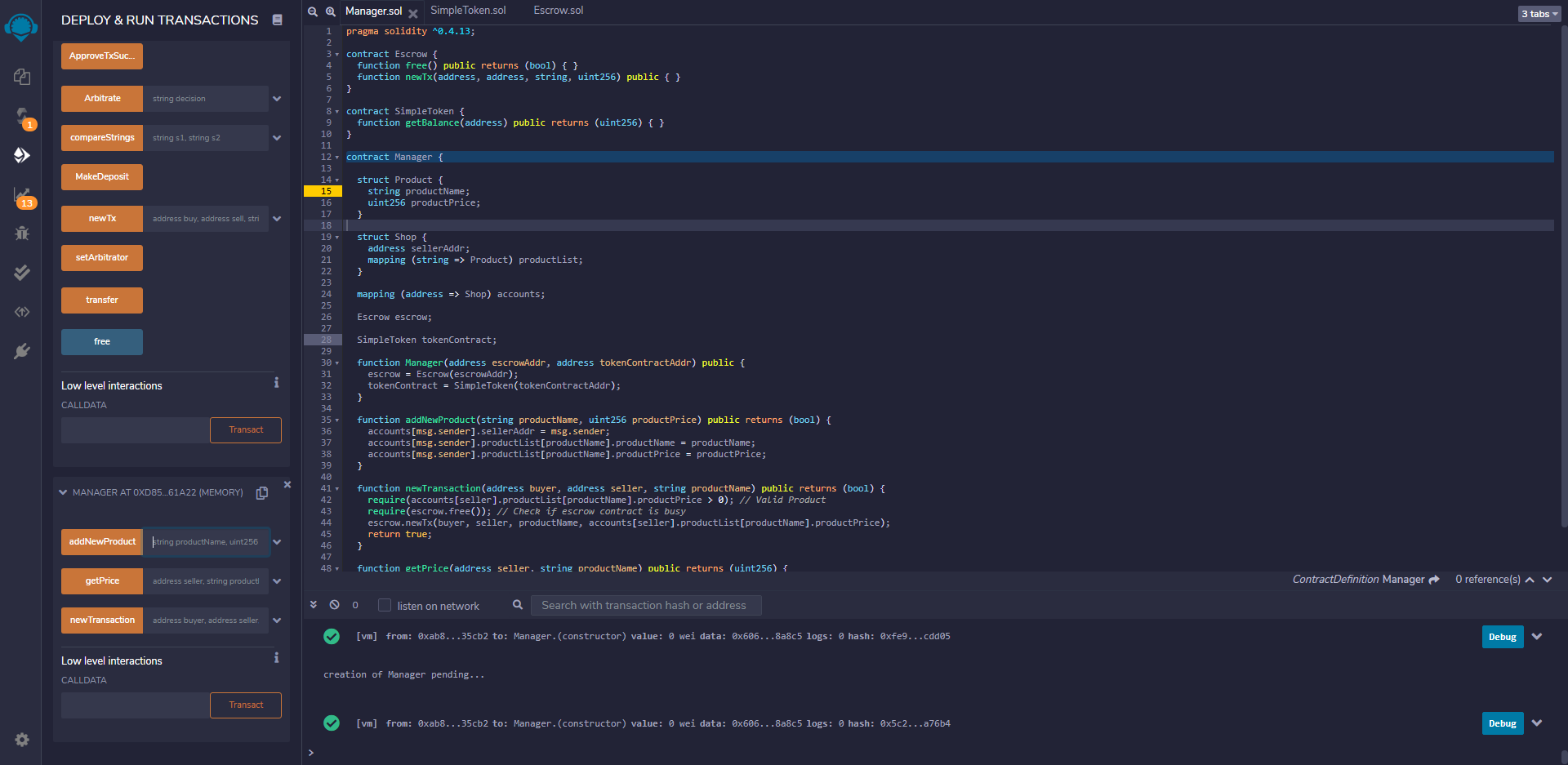
Compile & deploy SimpleToken.sol



Compile & deploy Escrow.sol



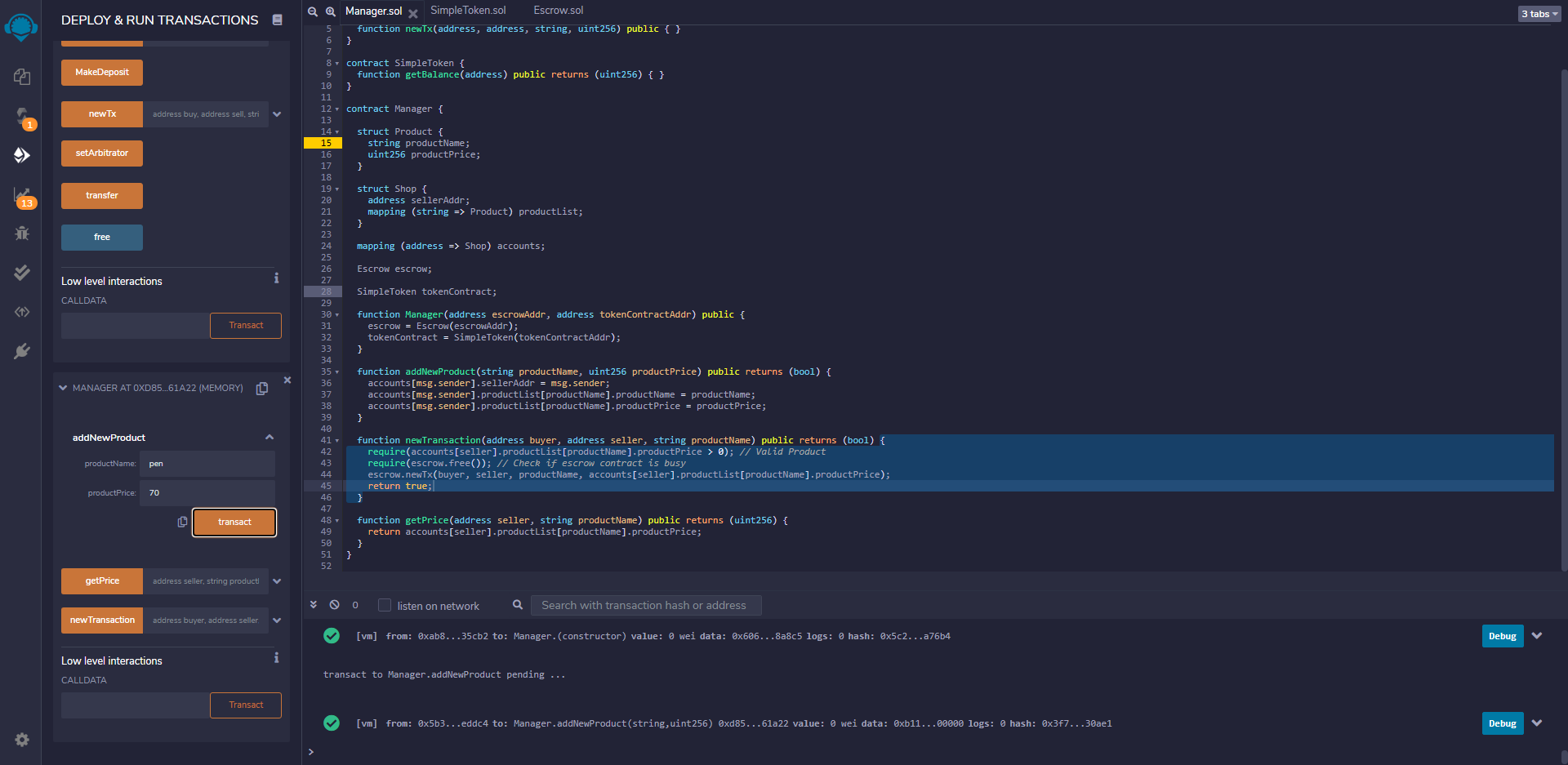
Compile & deploy Manager.sol



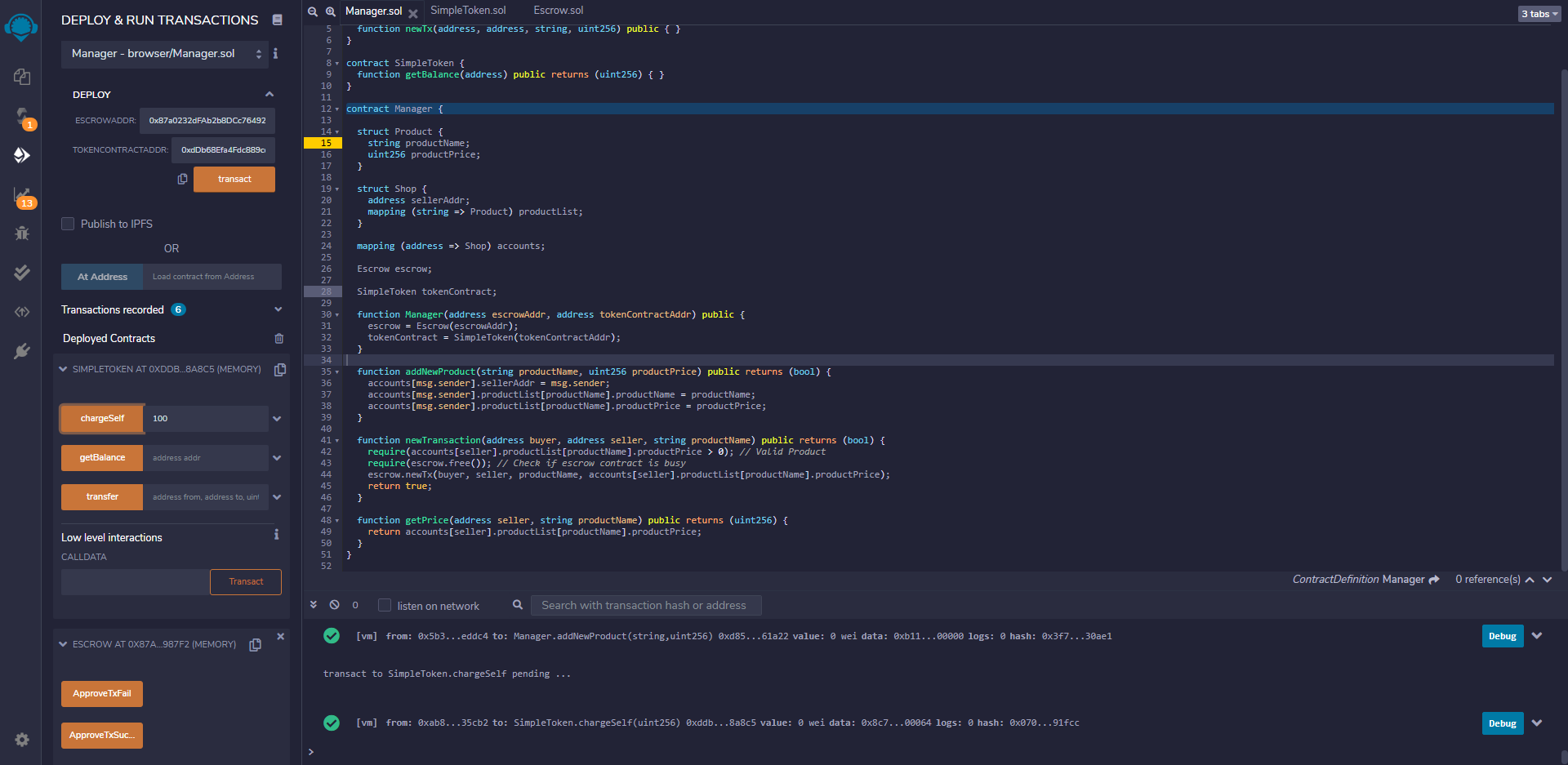
Seller – add new product

Product name – pen

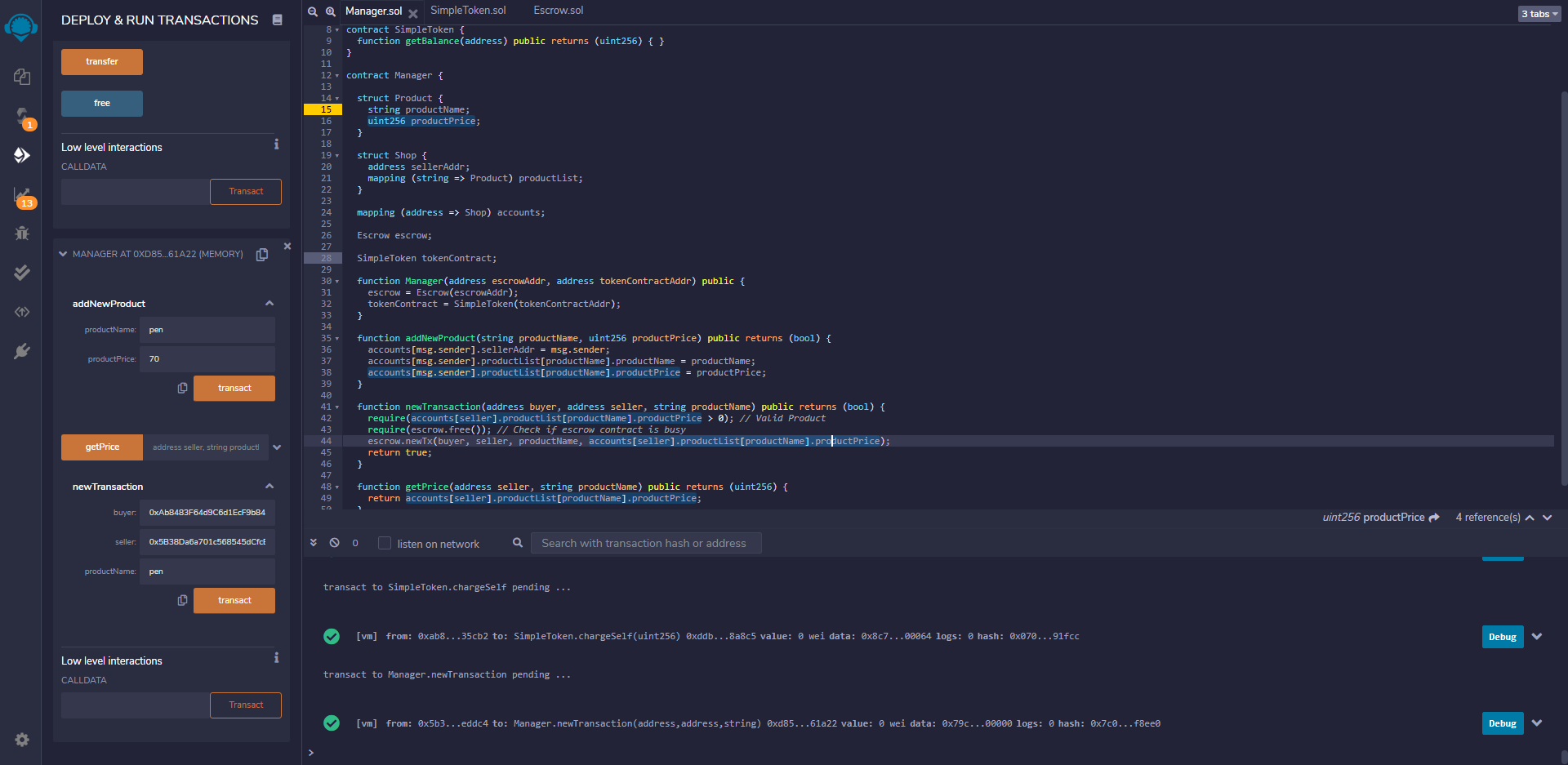
Product price – 70 tokens



Buyer – purchase 100 tokens

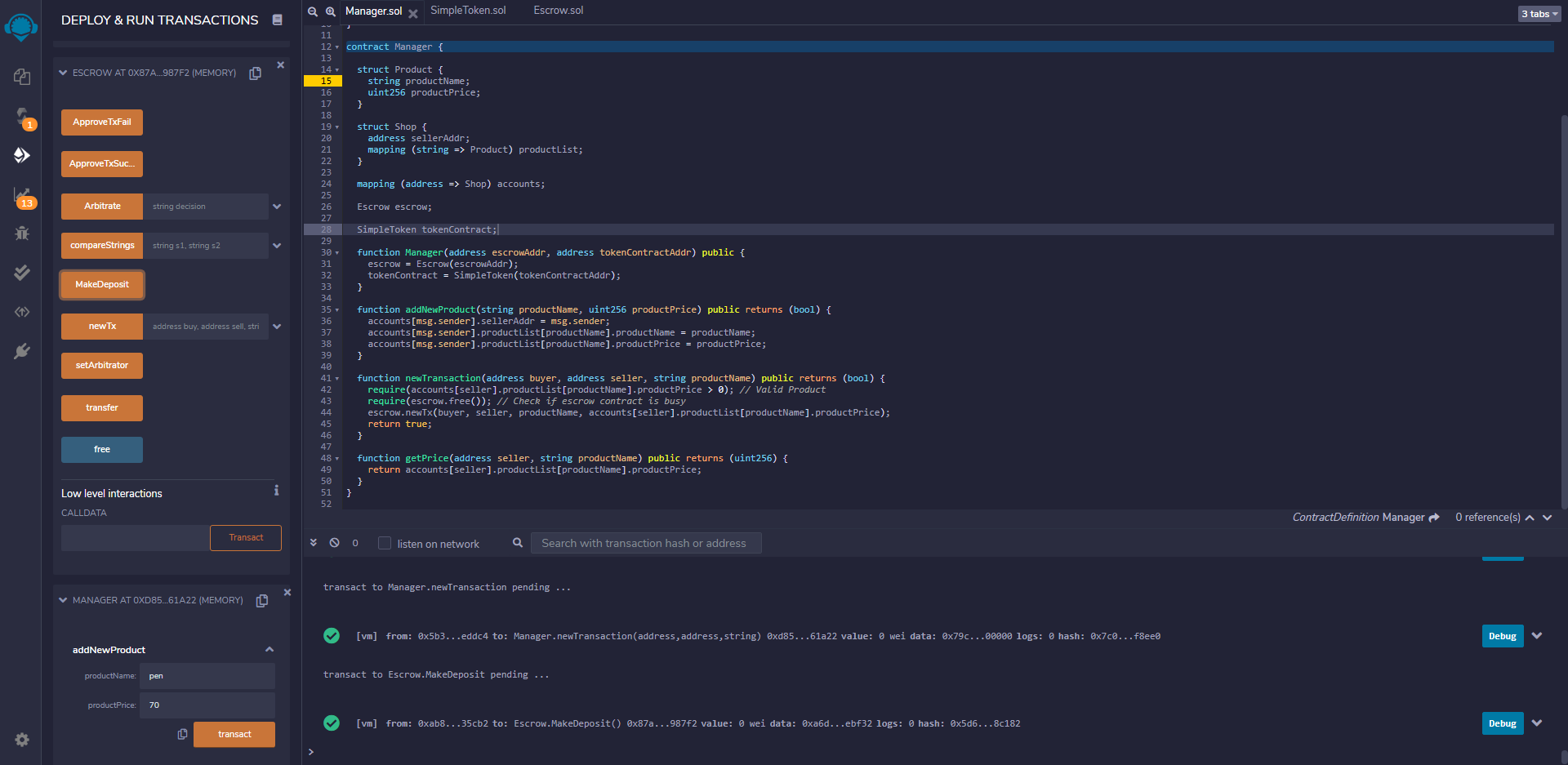


Seller – create new transaction

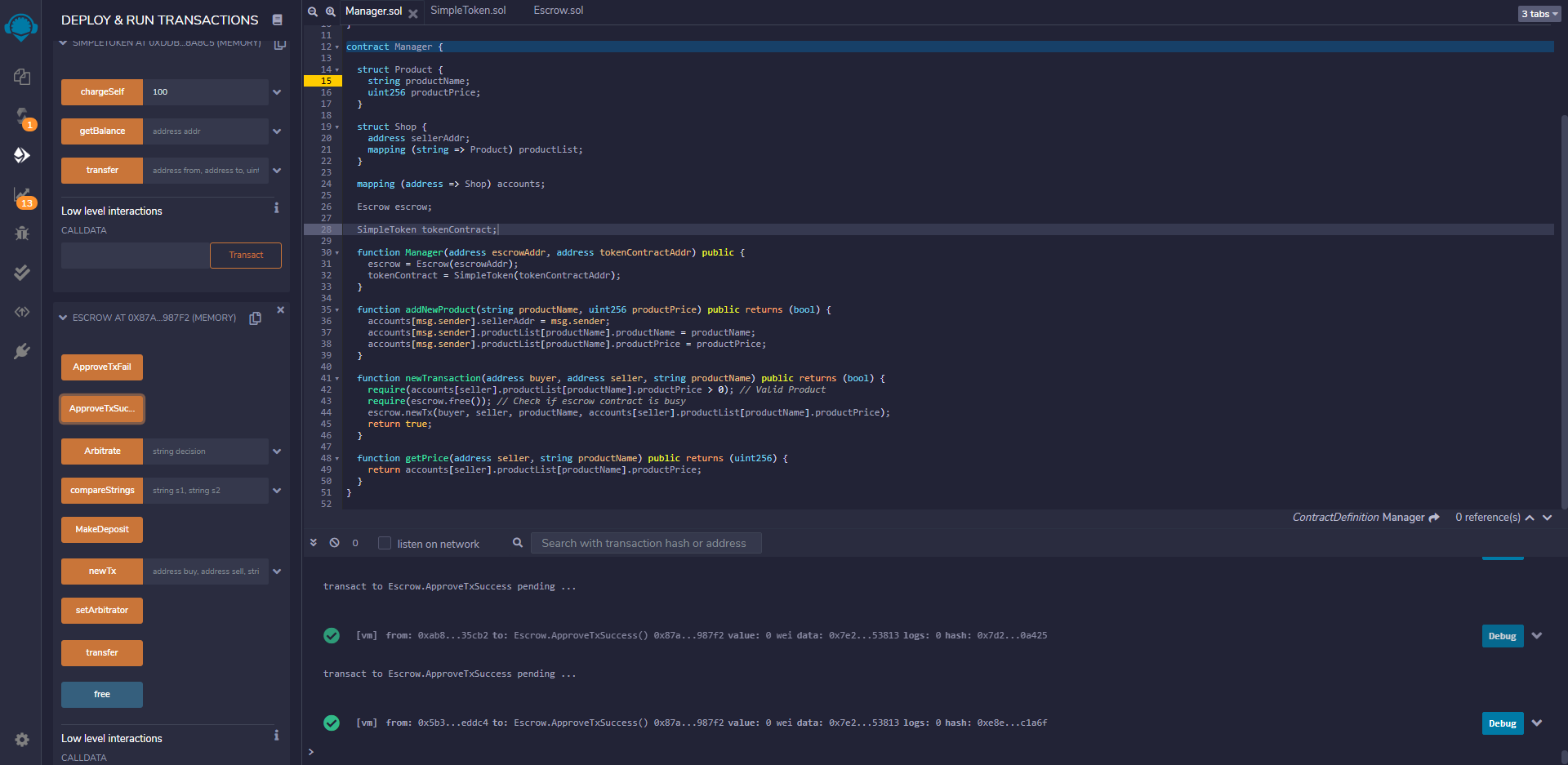


Buyer – make deposit

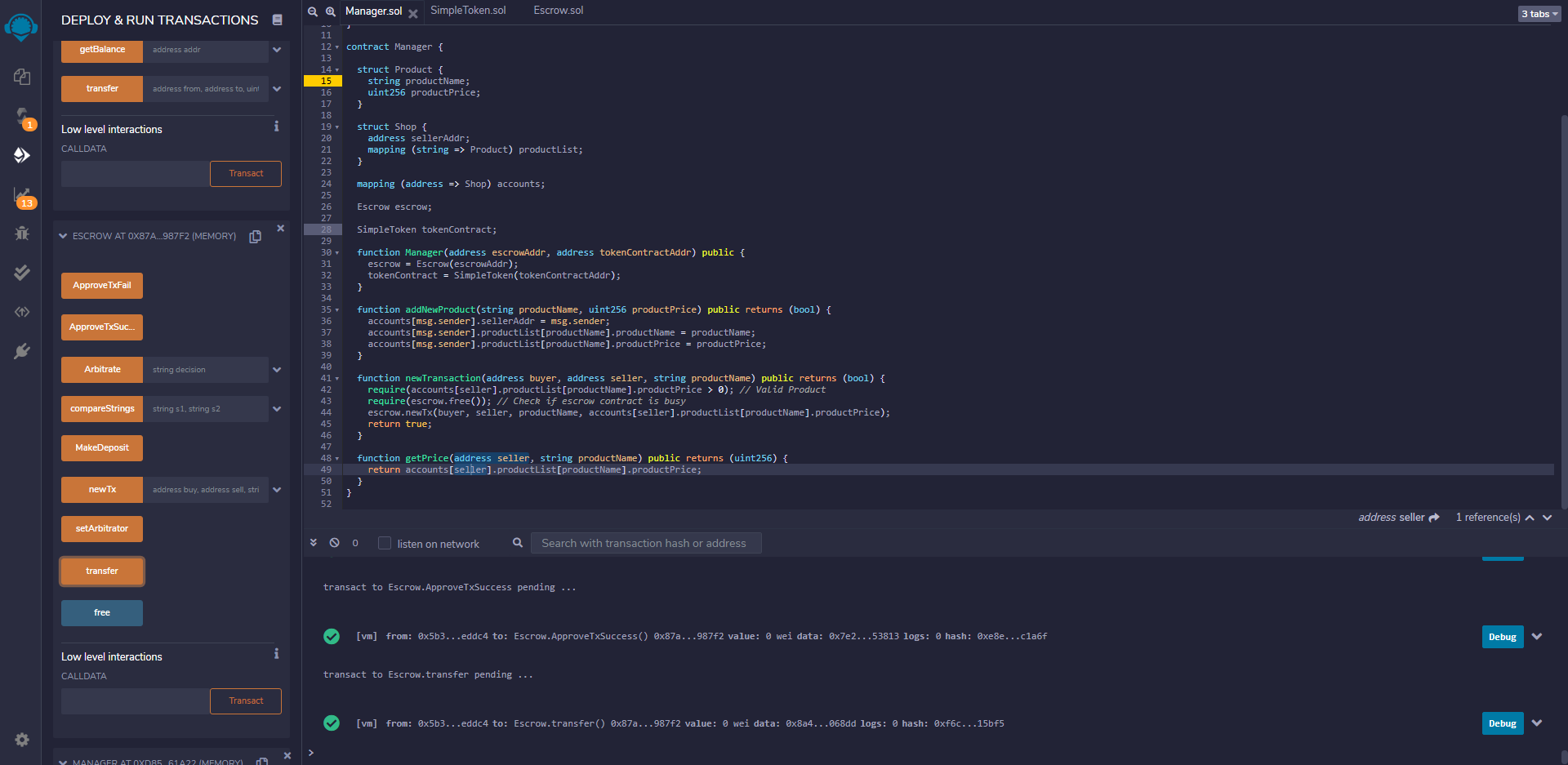
Amount – price of pen – 70 tokens



Buyer & seller - call ApproveTxSuccess function

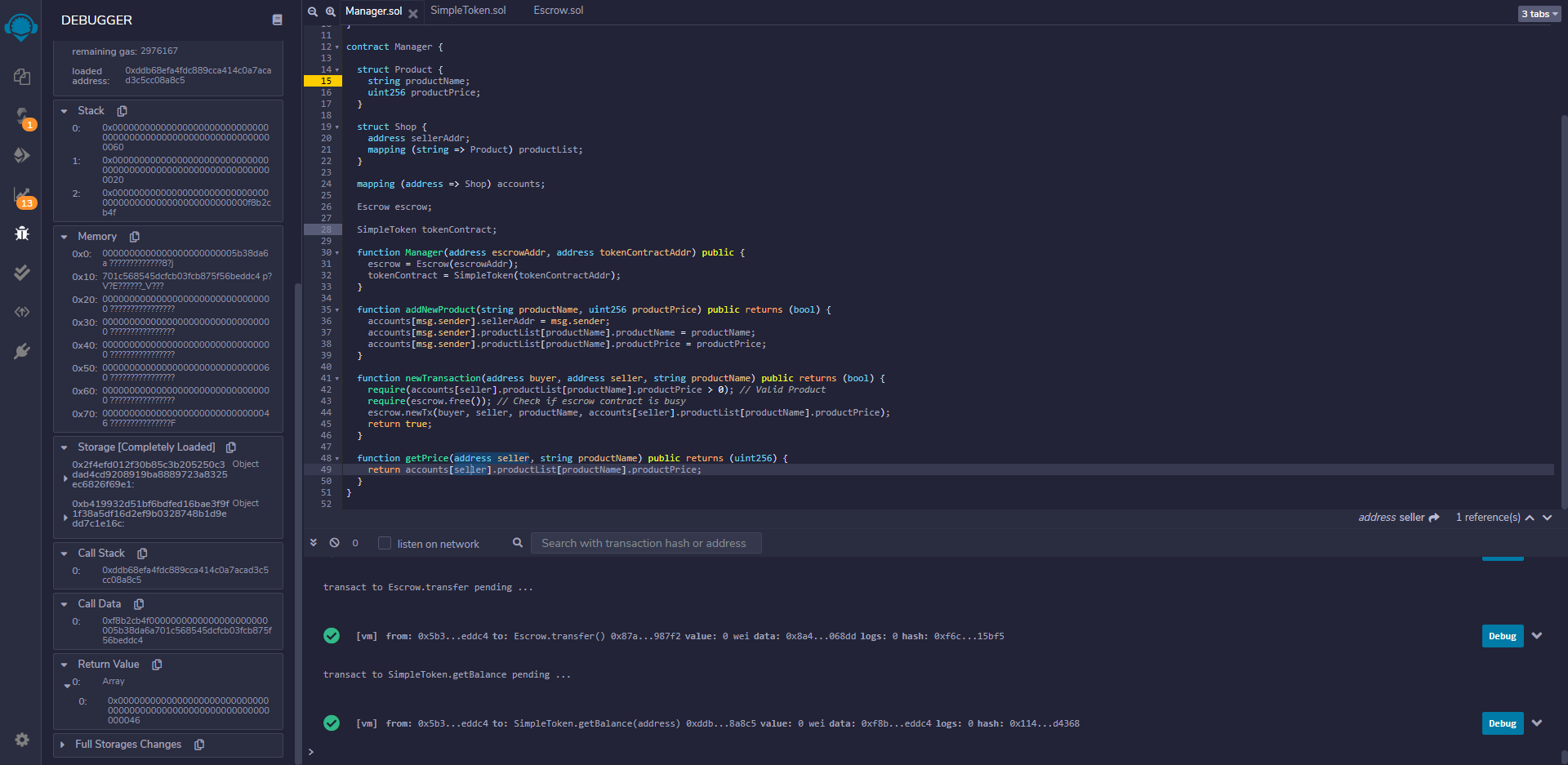


Call transfer function to finish the transaction



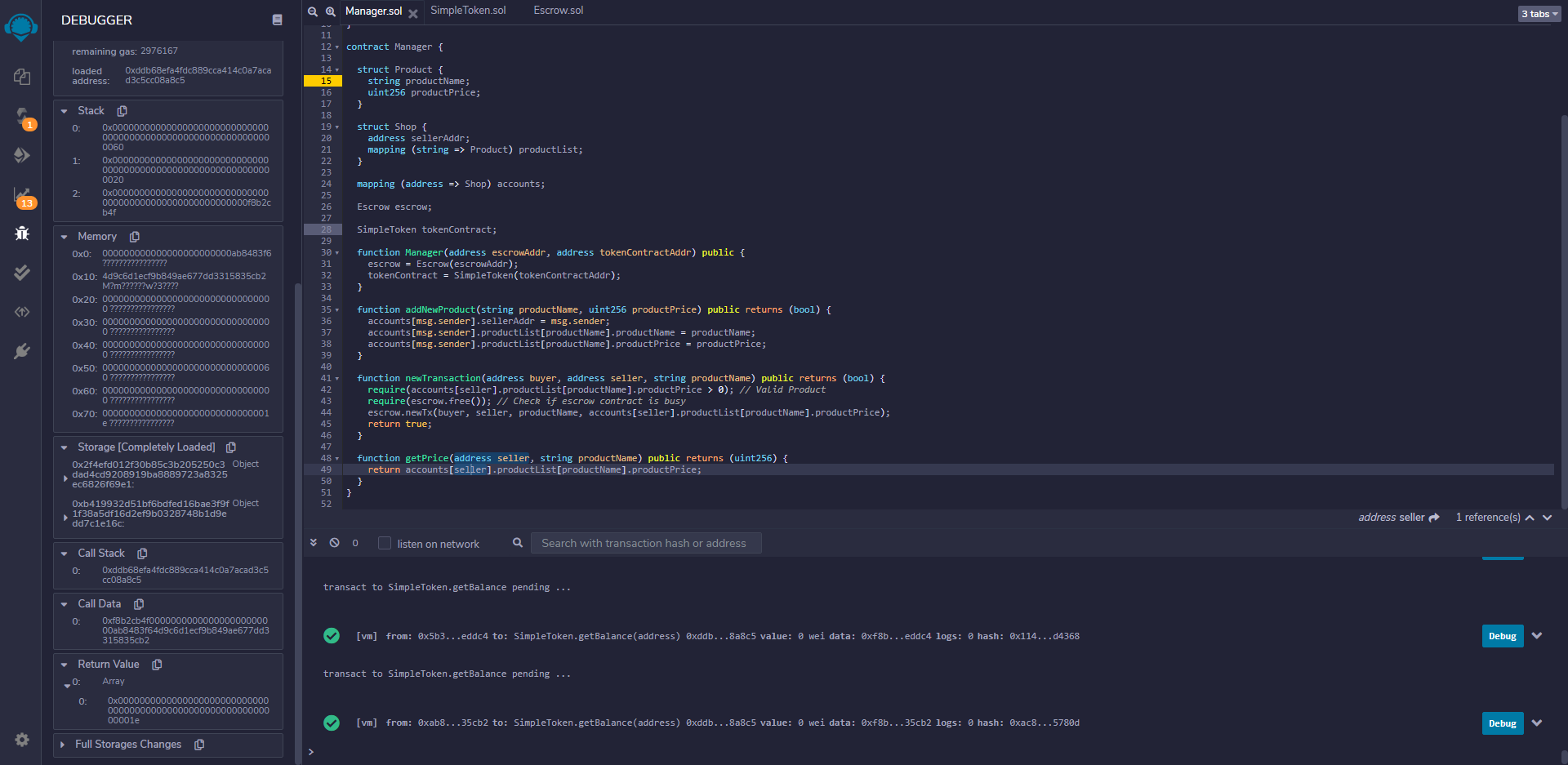
Seller – check balance

Got 0x46 = 70 tokens



Buyer – check balance

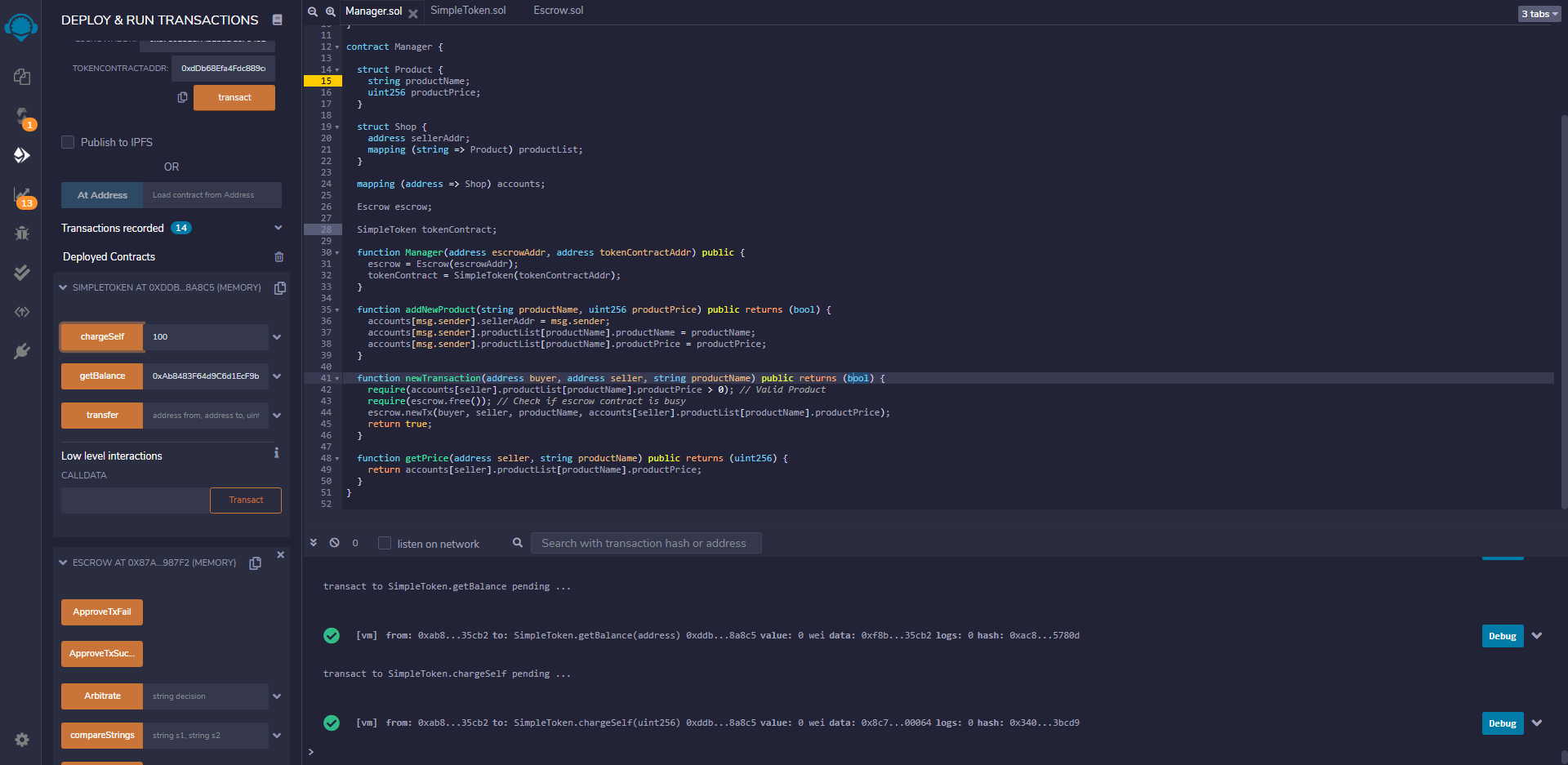
Got 0x1e = 30 tokens



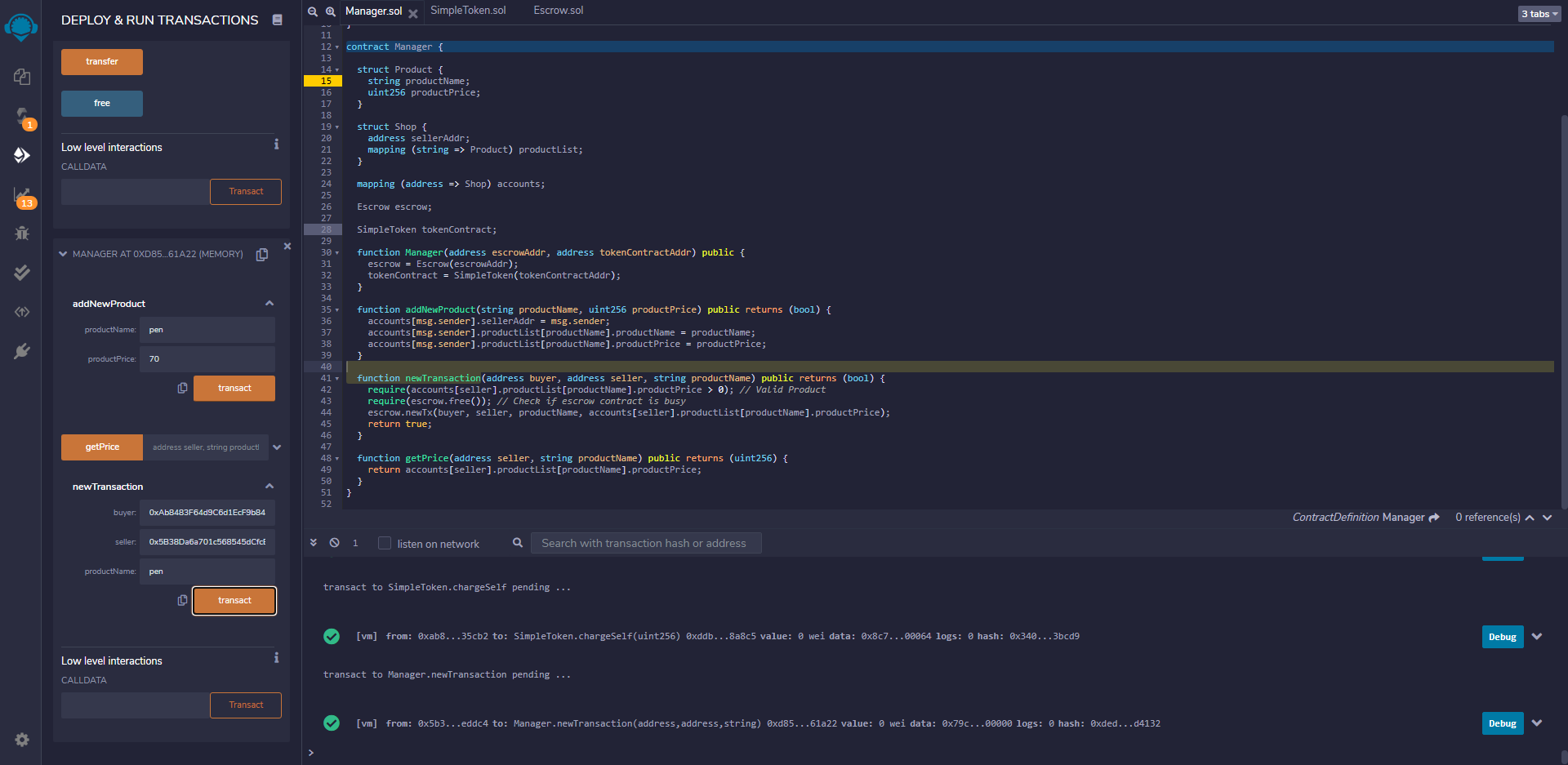
2. Buyer fail & seller fail

Buyer – purchase another 100 tokens

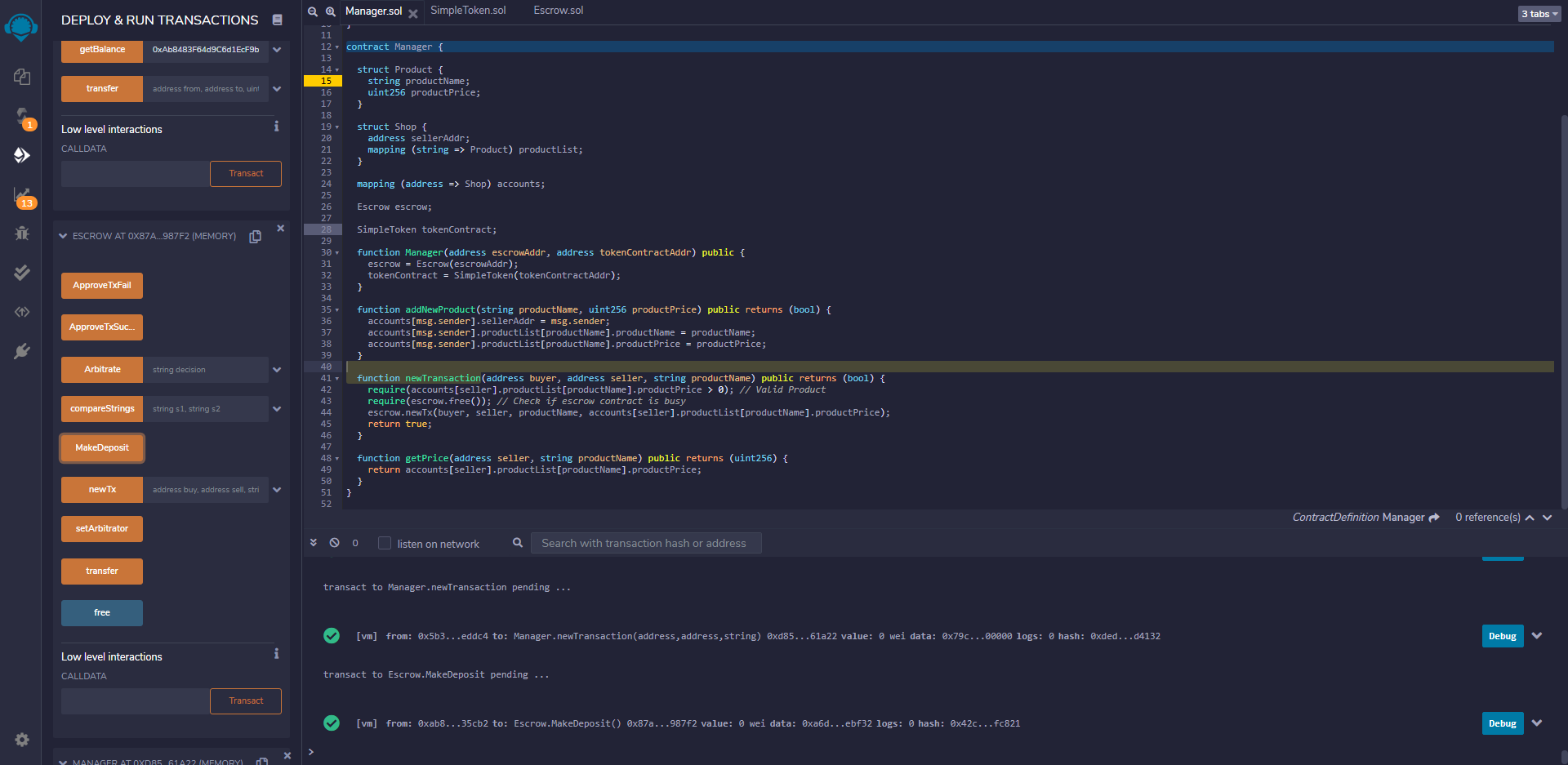
Now it should be 30 + 100 = 130 tokens



Seller – create new transaction

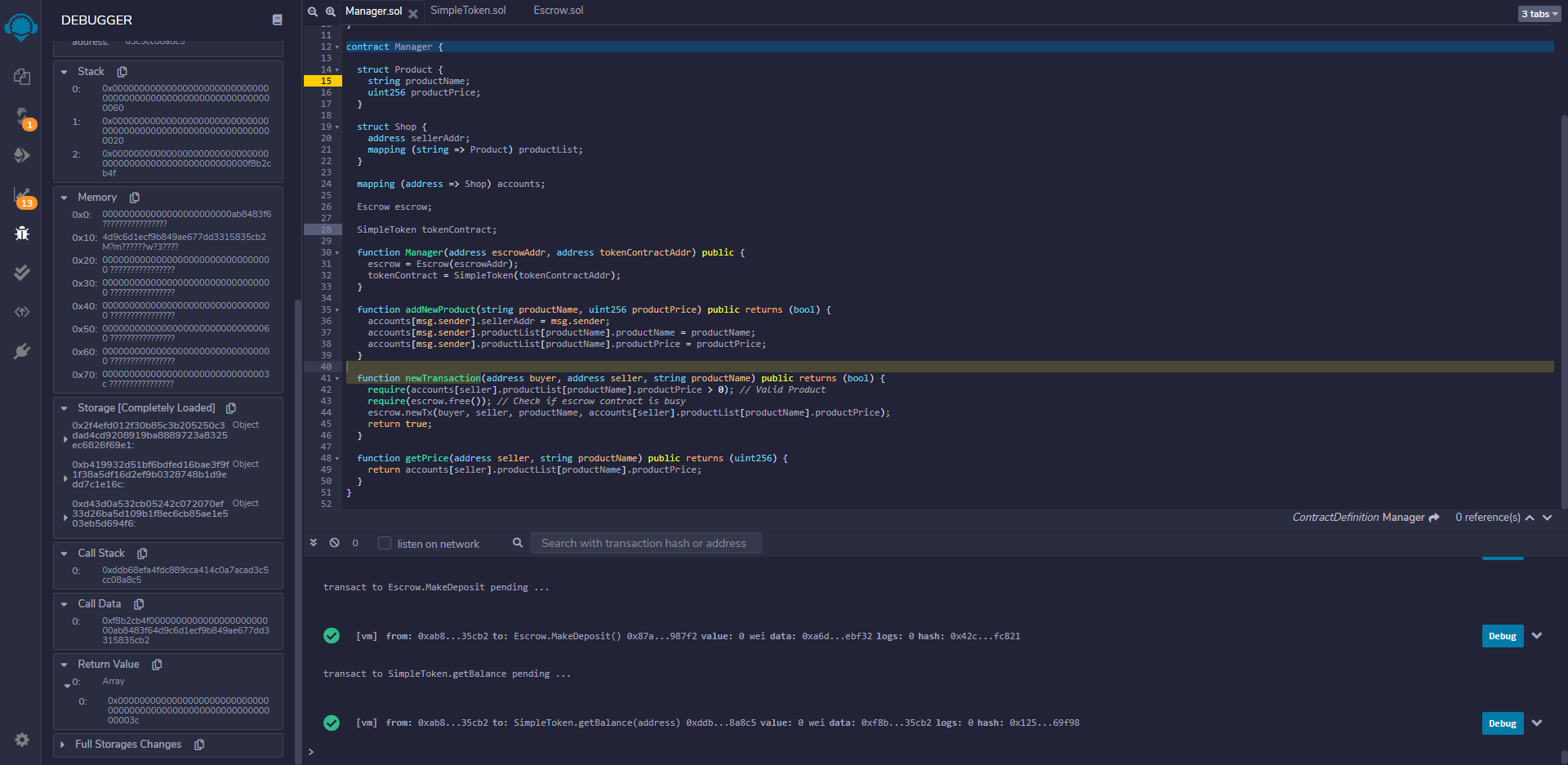


Buyer – make deposit

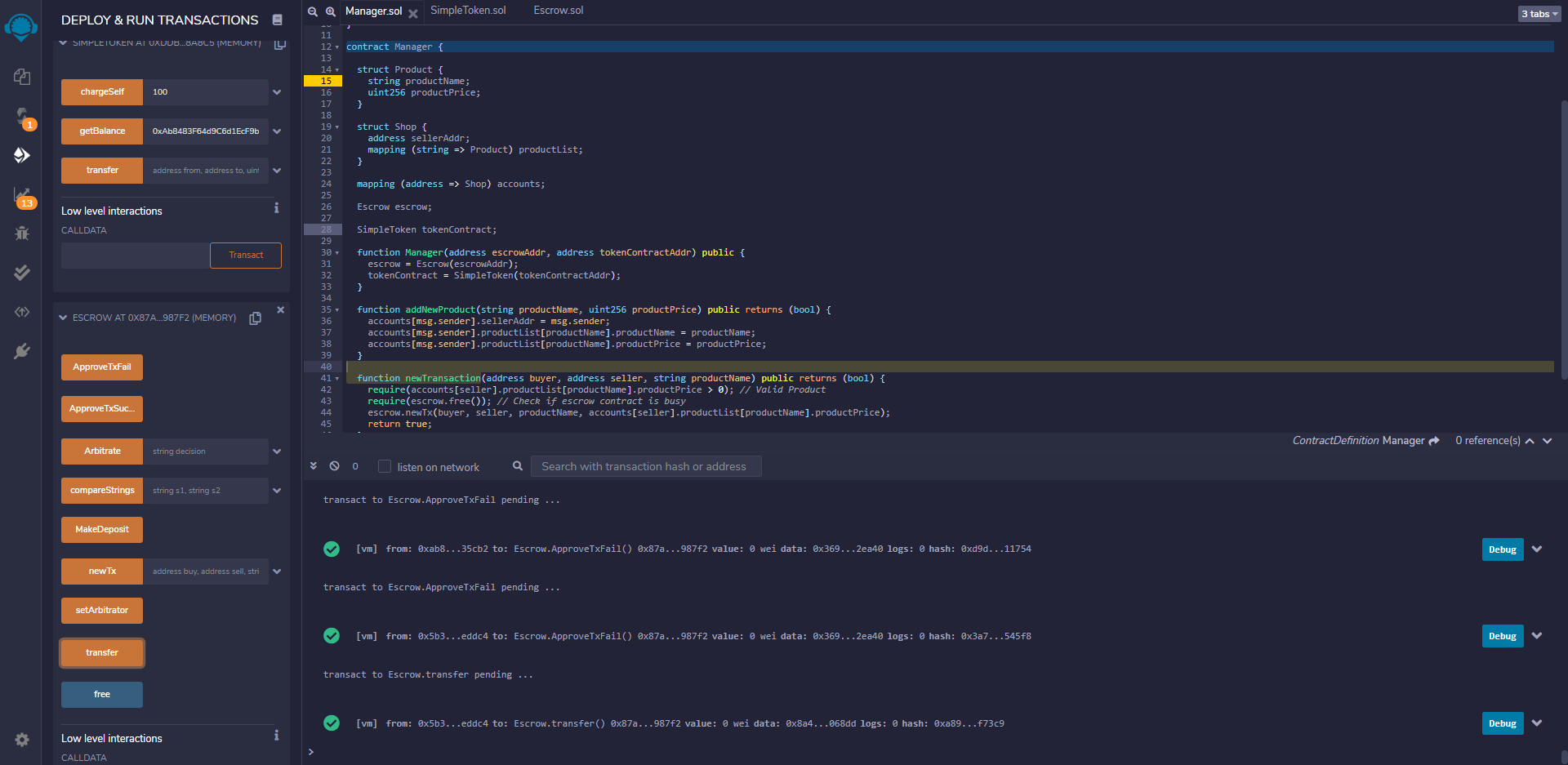


Buyer – check balance

Get 0x3c = 60 = 130 - 70



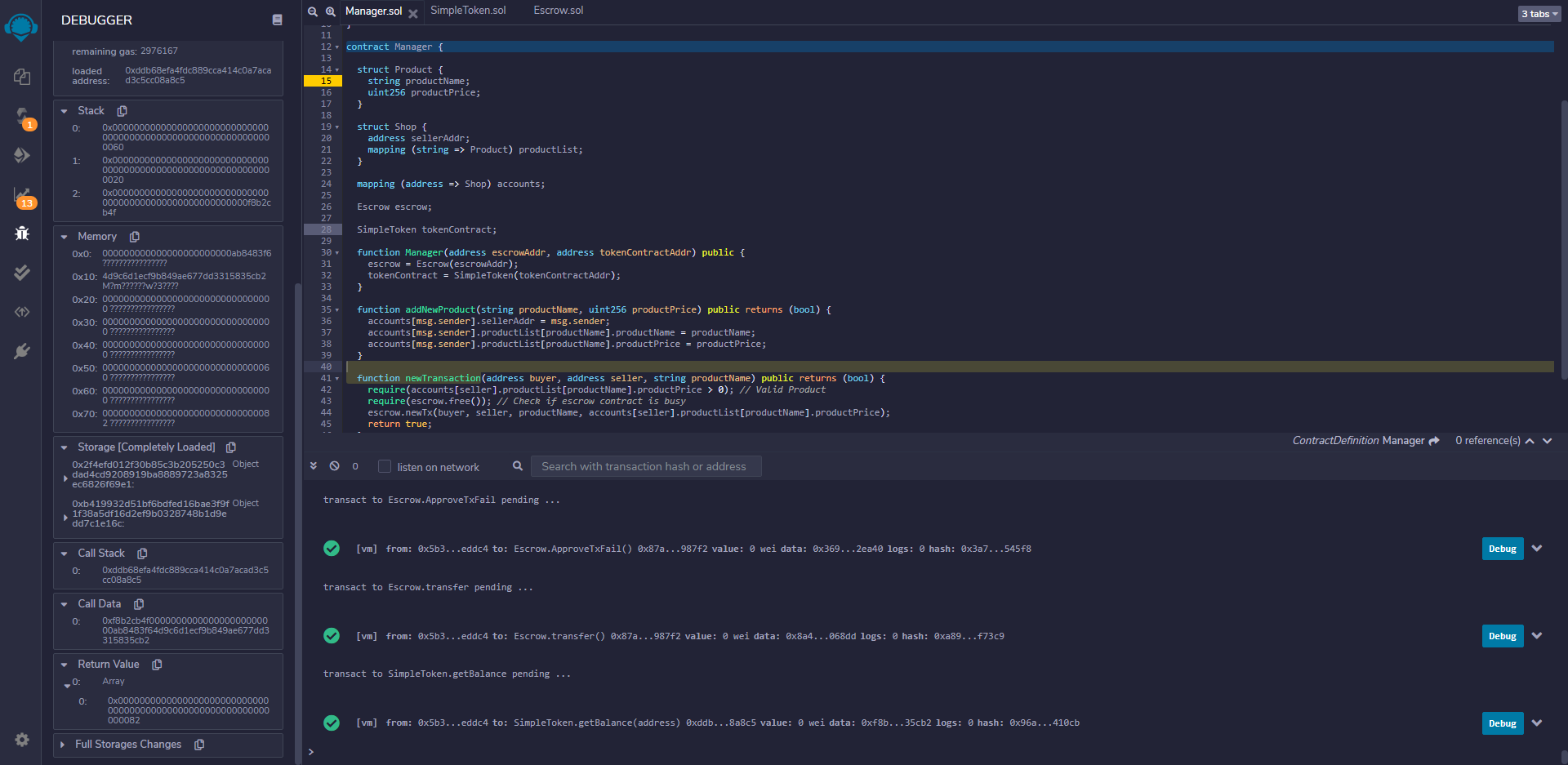
Buyer & seller – call ApproveTxFail function and then call the transfer function



Buyer – check balance

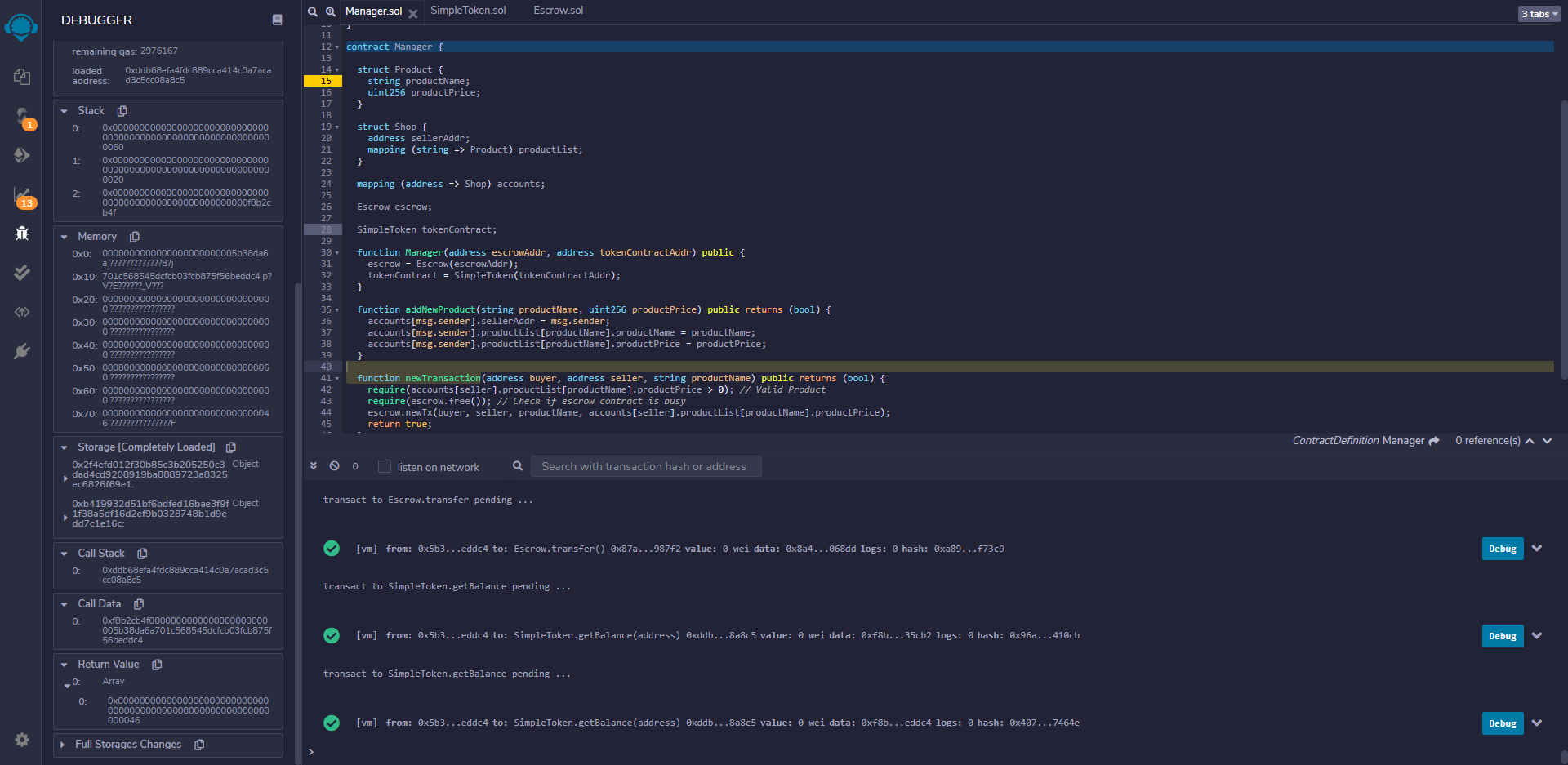
Got 0x82 = 130 tokens

The 70 tokens deposit was refunded.



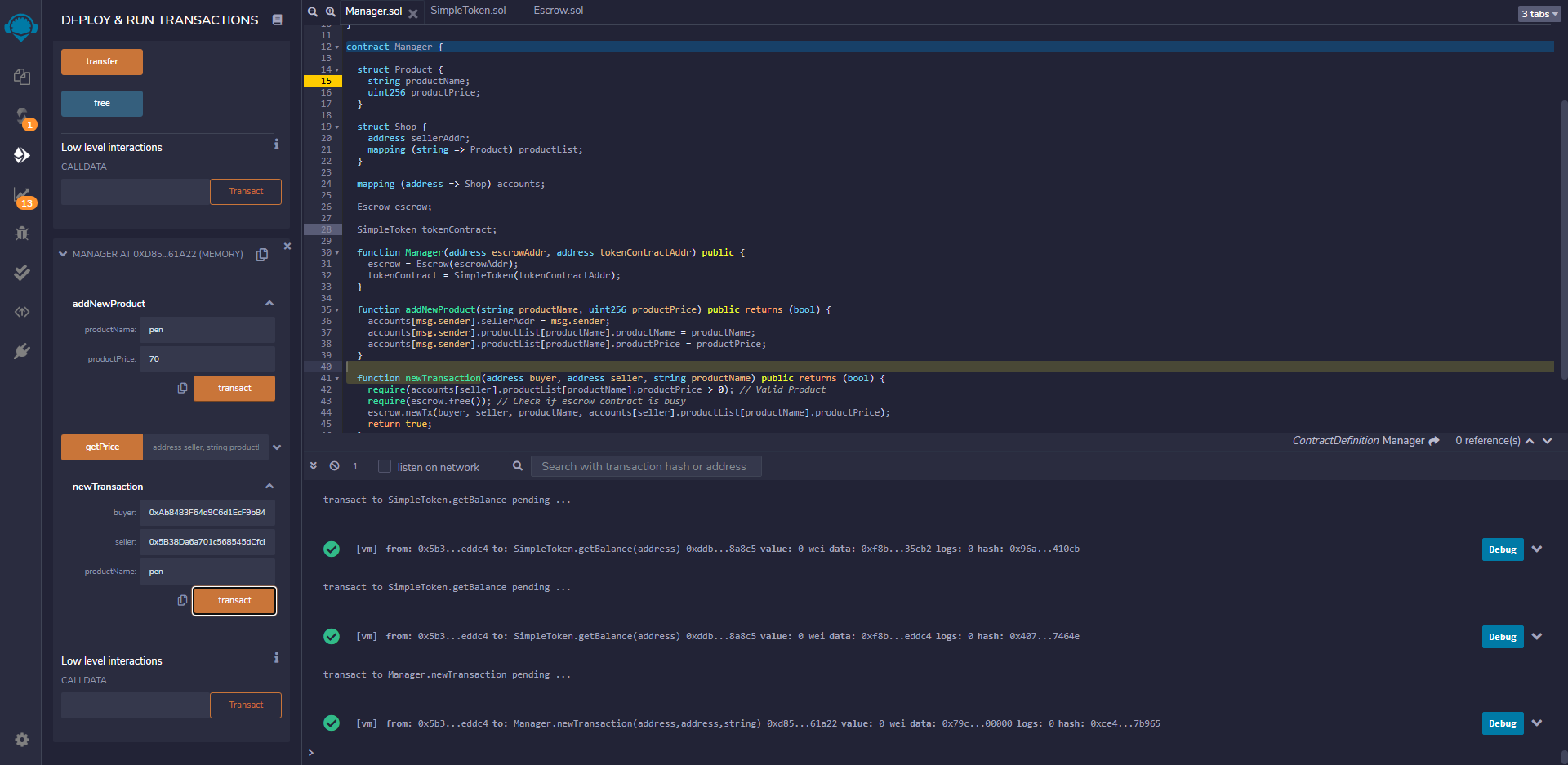
Seller – check balance

Got 0x46 = 70 tokens



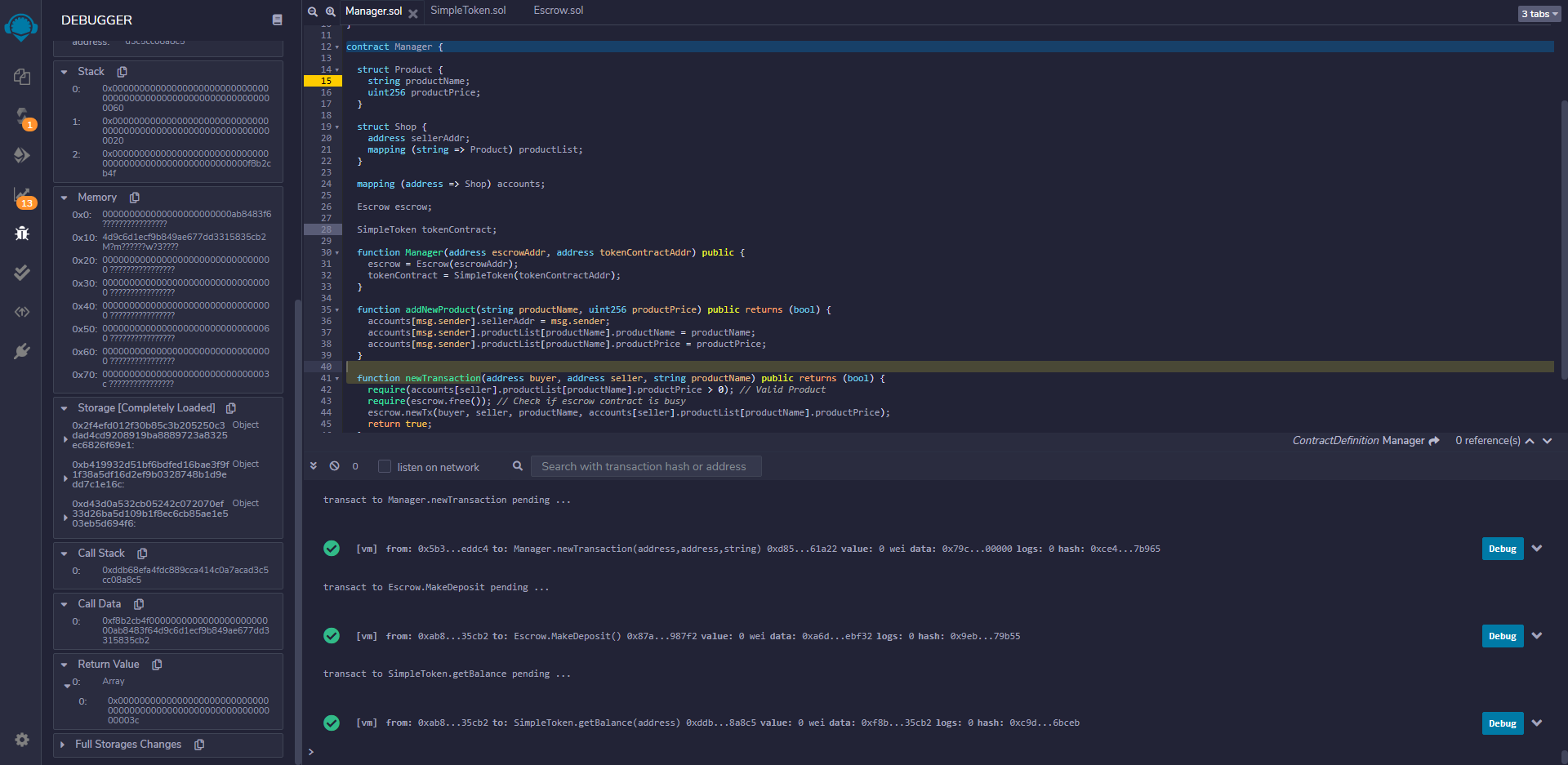
3. Buyer fail & seller success & arbitrator agree with the seller

Seller – create new transaction



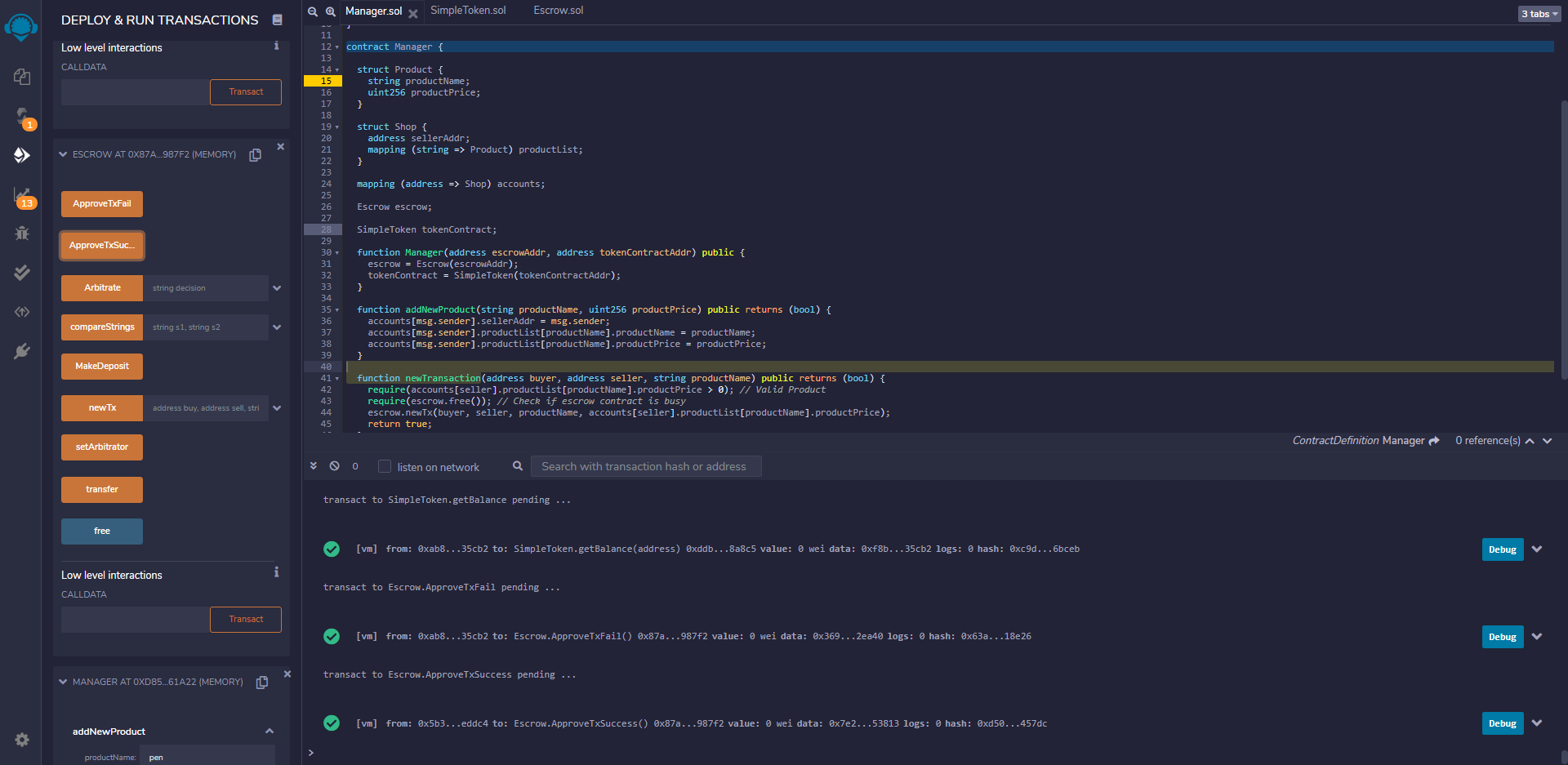
Buyer – make deposit then check balance

Got 0x3c = 60 tokens = 130 - 70

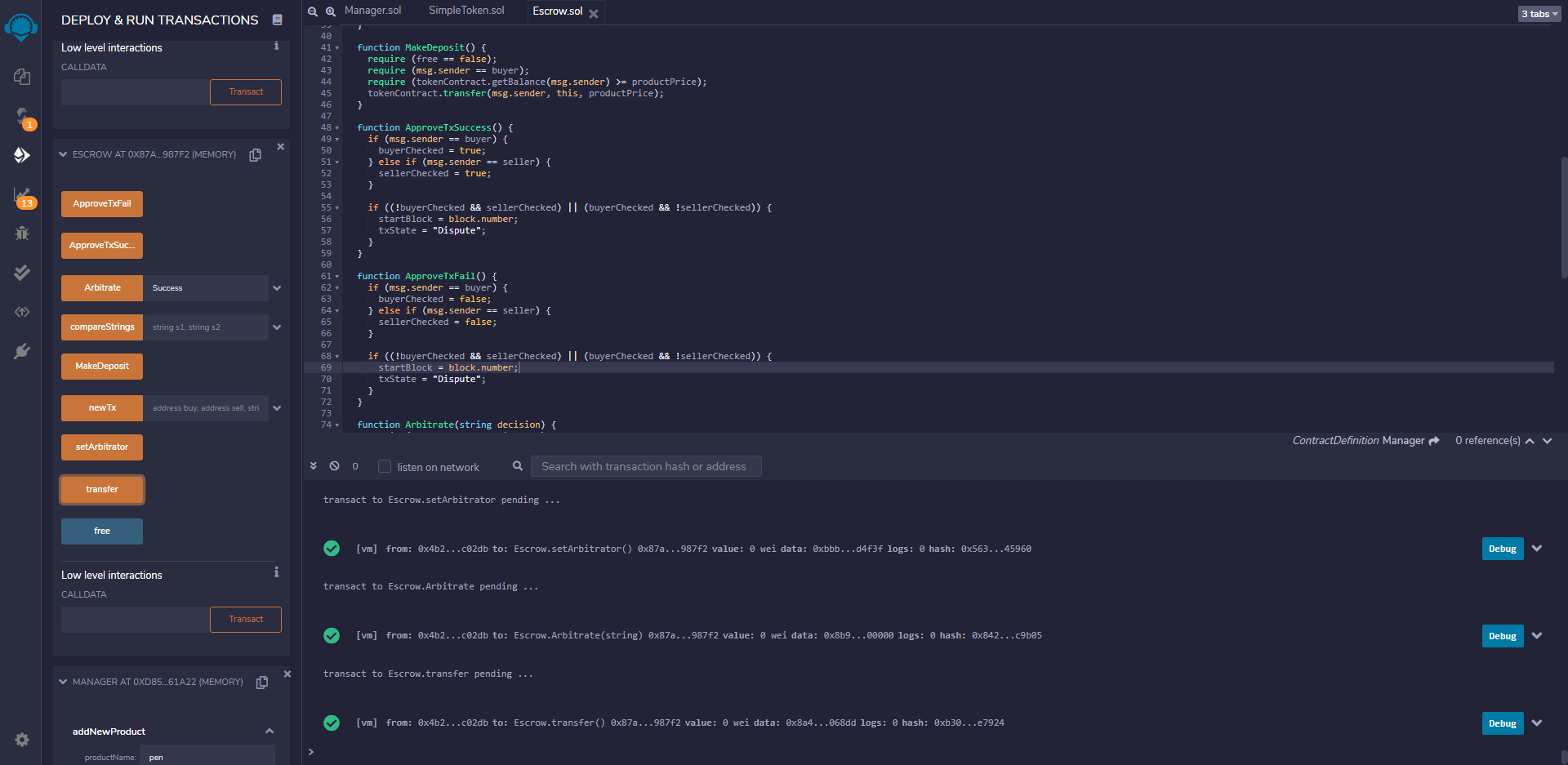


Buyer – call ApproveTxFail function

Seller – call ApproveTxSuccess function



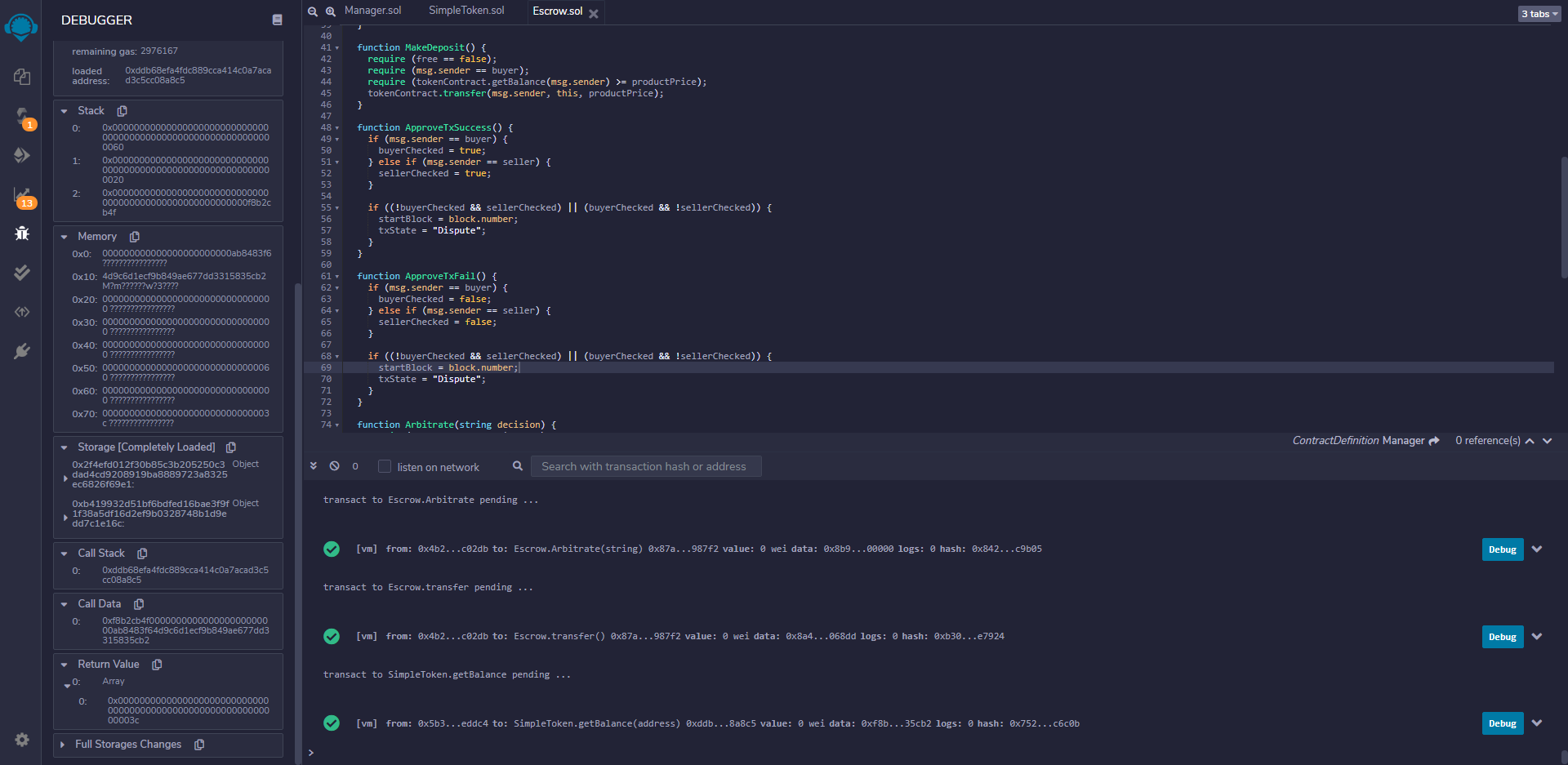
Arbitrator made decision "Success" and call the Arbitrate function



Buyer – check balance

Got 0x3c = 60 tokens

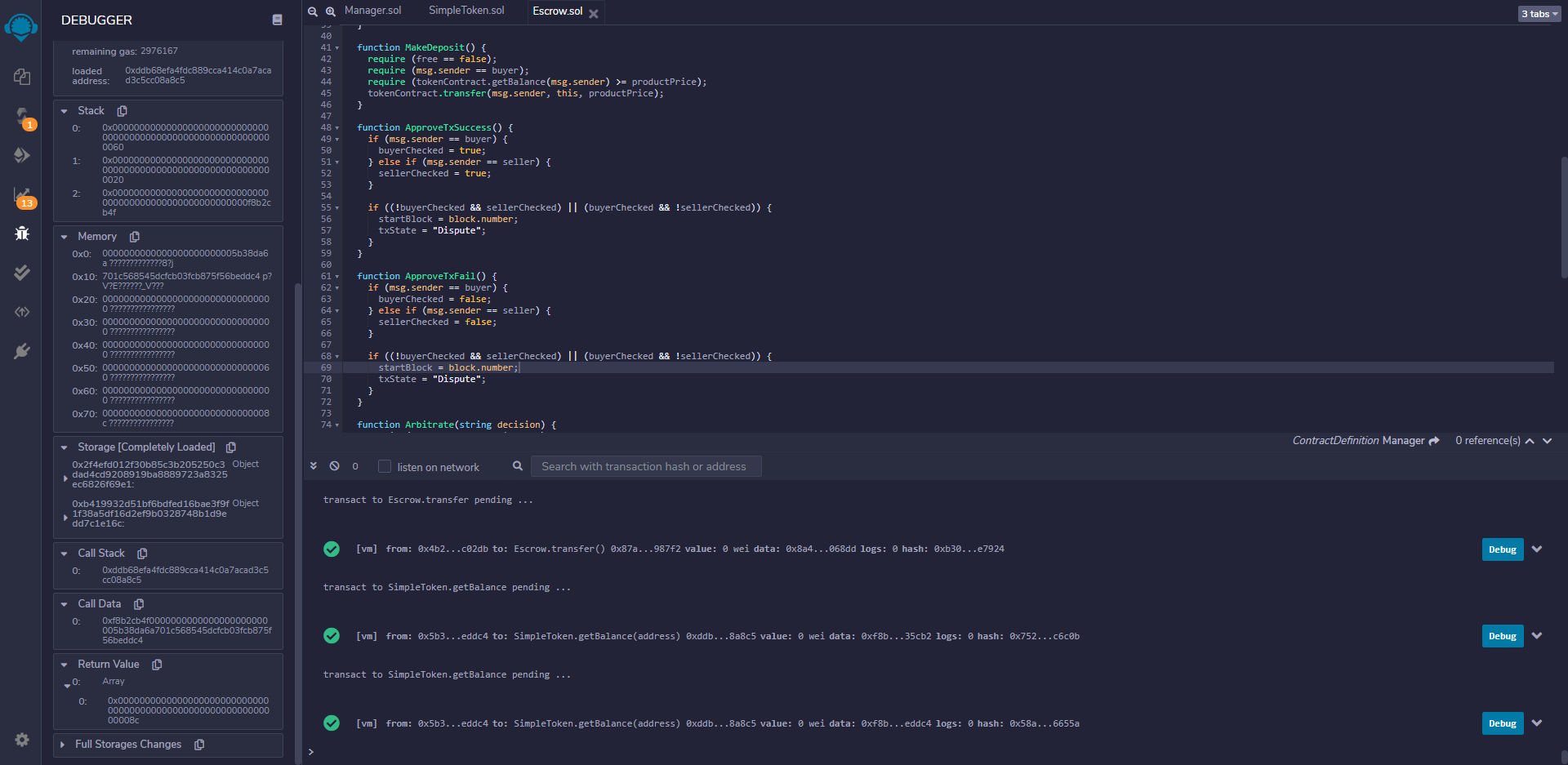
Not refunded



Seller – check balance

Got 0x8c = 140 tokens

The transaction has been approved because of the arbitrator's "Success" decision.



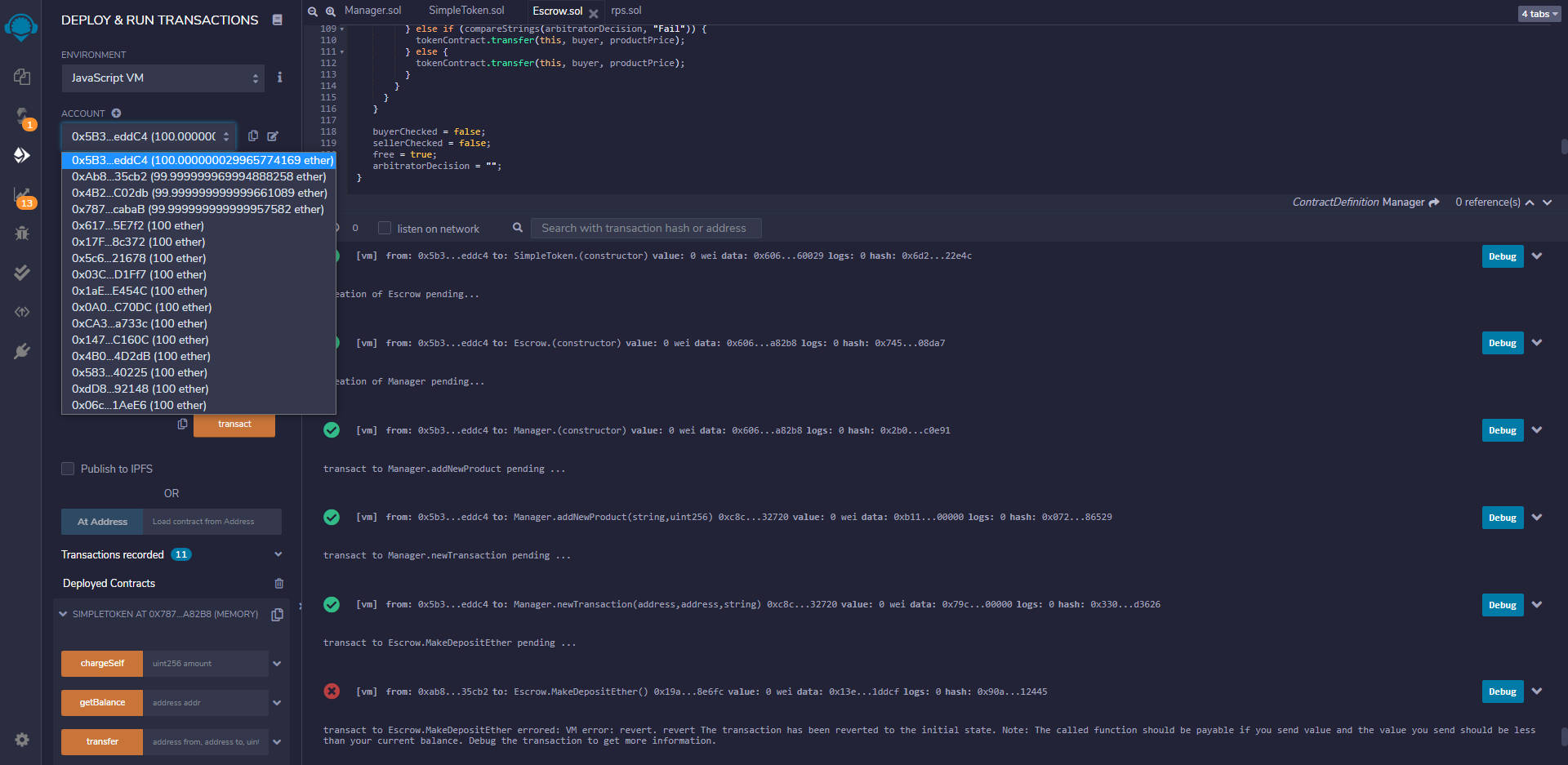
Transaction with Ether

Product Price = 30,000,000,000 Wei

Seller – the first account in the list

Buyer – the second account in the list

Function Calls – Screenshot 1



Function Calls – Screenshot 2

