```solidity
// SPDX-License-Identifier: Unlicensed
pragma solidity ^0.6.0;

contract MyBank
{
    mapping(address=> uint ) private _balances;
    address public owner;
    event LogDepositeMade(address accountHoder, uint amount );

    constructor () public
     {
         owner=msg.sender;
         emit LogDepositeMade(msg.sender, 1000);
     }

        function deposite() public payable  returns (uint)
        {

        require ((_balances[msg.sender] + msg.value) >  _balances[msg.sender] &&
msg.sender!=address(0));
        _balances[msg.sender] += msg.value;
        emit LogDepositeMade(msg.sender , msg.value);
        return _balances[msg.sender];
        }

        function withdraw (uint withdrawAmount) public  returns (uint)
        {

                require (_balances[msg.sender] >= withdrawAmount);
                require(msg.sender!=address(0));
                require (_balances[msg.sender] > 0);
                _balances[msg.sender]-= withdrawAmount;
                msg.sender.transfer(withdrawAmount);
                emit LogDepositeMade(msg.sender , withdrawAmount);
                return _balances[msg.sender];

        }

        function viewBalance() public view returns (uint)
        {
            return _balances[msg.sender];
        }

}
```
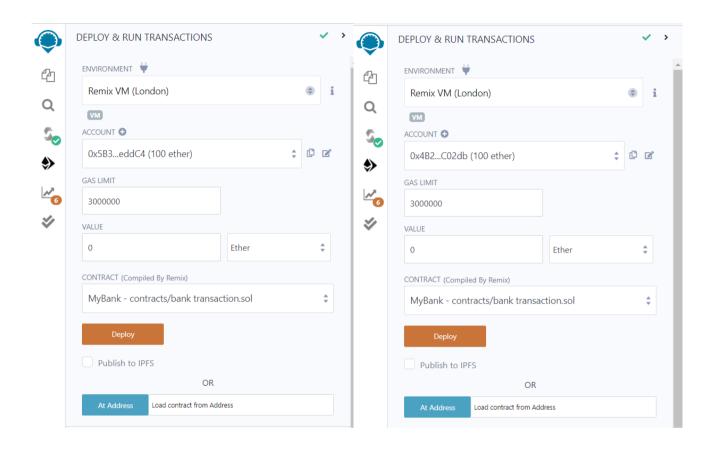
Bank Contract Owner: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4

Sender: 0x4B20993Bc481177ec7E8f571ceCaE8A9e22C02db

Contract address: 0xd9145CCE52D386f254917e481eB44e9943F39138

Transaction Log:

```
[
{
        "from": "0xd9145CCE52D386f254917e481eB44e9943F39138",
        "topic": "0x3e6eab4ac1d5e706b8c4c295ec0fd5a4ab9f90e15014250d73f946d7625ef64e",
        "event": "LogDepositeMade",
        "args": {
                "0": "0x5B38Da6a701c568545dCfcB03FcB875f56beddC4",
                "1": "1000",
                "accountHoder": "0x5B38Da6a701c568545dCfcB03FcB875f56beddC4",
                "amount": "1000"
        }
}
]
```

Contract Holder Details

Transactions recorded **1** ⓘ   ›

Deployed Contracts   🗑

⌄   MYBANK AT 0XD91...39138 (MEMORY)   ⧉   ✕

Balance: 0 ETH

| deposite |

| withdraw | uint256 withdrawAmount | ⌄

| owner |

0: address: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4

| viewBalance |

0: uint256: 0

Depositing Ether

DEPLOY & RUN TRANSACTIONS ✓ ›

ENVIRONMENT 🔌

Remix VM (London)   ᵢ

[VM]

ACCOUNT ⊕

0x5B3...eddC4 (99.999999999999621814 ether)   ⇕ ⧉ ✎

GAS LIMIT

3000000

VALUE

5   Ether   ⇕

CONTRACT (Compiled By Remix)

MyBank - contracts/bank transaction.sol   ⇕

Transactions recorded ❷ ⓘ   ›

Deployed Contracts   🗑

ˇ MYBANK AT 0XD91...39138 (MEMORY)   ⧉ ✕

Balance: 5 ETH

deposite

withdraw   uint256 withdrawAmount   ⌄

owner

0: address: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4

viewBalance

0: uint256: 5000000000000000000

input   0xa50...ec326 ⧉

decoded input   {} ⧉

decoded output   {
                             "0": "uint256: 5000000000000000000"
                         } ⧉

logs   [
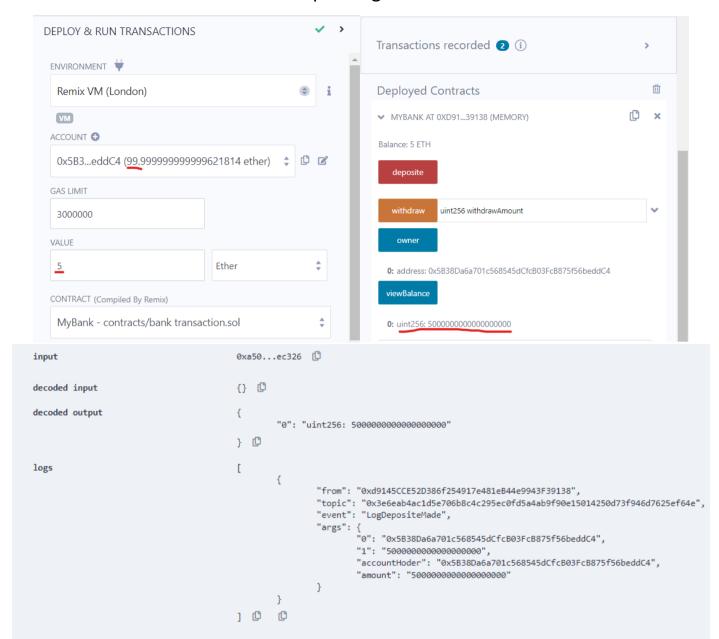   {
                                 "from": "0xd9145CCE52D386f254917e481eB44e9943F39138",
                                 "topic": "0x3e6eab4ac1d5e706b8c4c295ec0fd5a4ab9f90e15014250d73f946d7625ef64e",
                                 "event": "LogDepositeMade",
                                 "args": {
                                     "0": "0x5B38Da6a701c568545dCfcB03FcB875f56beddC4",
                                     "1": "5000000000000000000",
                                     "accountHoder": "0x5B38Da6a701c568545dCfcB875f56beddC4",
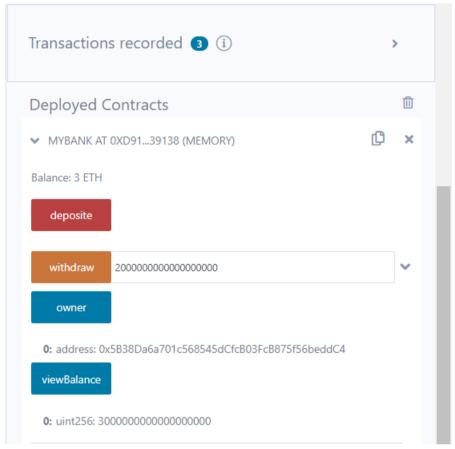   "amount": "5000000000000000000"
                                 }
                             }
                         ] ⧉ ⧉

val   5000000000000000000 wei ⧉

Withdrawing 2 Ethers from Owner with Balance of 5 Ether

Transactions recorded **3** ⓘ   ›

Deployed Contracts   🗑

⌄ MYBANK AT 0XD91...39138 (MEMORY)   ⧉ ✕

Balance: 3 ETH

deposite

withdraw `20000000000000000000`   ⌄

owner

0: address: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4

viewBalance

0: uint256: 3000000000000000000

input	0x2e1...80000 ⧉
decoded input	{ "uint256 withdrawAmount": "2000000000000000000" } ⧉
decoded output	{ "0": "uint256: 3000000000000000000" } ⧉

logs	[
	        {
	                "from": "0xd9145CCE52D386f254917e481eB44e9943F39138",
	                "topic": "0x3e6eab4ac1d5e706b8c4c295ec0fd5a4ab9f90e15014250d73f946d7625ef64e",
	                "event": "LogDepositeMade",
	                "args": {
	                        "0": "0x5B38Da6a701c568545dCfcB03FcB875f56beddC4",
	                        "1": "2000000000000000000",
	                        "accountHoder": "0x5B38Da6a701c568545dCfcB03FcB875f56beddC4",
	                        "amount": "2000000000000000000"
	                }
	        }
	] ⧉ ⧉

val	0 wei ⧉

Showing Balance of Account Holder before & after deposit and withdraw

Initial Balance of 5 Ether

0: address: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4

viewBalance

0: uint256: 5000000000000000000

After withdrawing Balance of 2 Ether

0: address: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4

viewBalance

0: uint256: 3000000000000000000