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

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

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

    function deposit() public payable returns (uint)
    {
        require ((_balances[msg.sender] + msg.value) >
_balances[msg.sender] && msg.sender!=address(0));
        _balances[msg.sender] += msg.value;
        emit LogDepositMade(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 LogDepositMade(msg.sender , withdrawAmount);
        return _balances[msg.sender];
    }

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

```