// SPDX-License-Identifier: MIT

pragma solidity ^0.8.0;

contract Bank {

    mapping(address => uint) private balances;

    // Deposit money into the user's account

    function deposit() public payable {

        require(msg.value > 0, "Deposit amount must be greater than zero.");

        balances[msg.sender] += msg.value;

    }

    // Withdraw money from the user's account

    function withdraw(uint amount) public {

        require(amount <= balances[msg.sender], "Insufficient balance.");

        balances[msg.sender] -= amount;

        payable(msg.sender).transfer(amount);

    }

    // Show the balance of the user's account

    function getBalance() public view returns (uint) {

        return balances[msg.sender];

    }

}