**Block chain Practical 01**

// SPDX-License-Identifier: MIT

pragma solidity ^0.8.0;

contract Bank{

address public accHolder;

constructor(){

    accHolder = msg.sender;

}

uint balance = 0;

function withdraw() payable public{

    require(balance > 0, "you dont have enough balance");

    require(msg.sender == accHolder, "you are not the account owner");

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

    balance = 0;

}

function deposit() public payable {

    require(msg.value > 0, "deposit should be greater than 0, ");

    require(msg.sender == accHolder, "you are not the account owner");

    balance += msg.value;

}

function showBalance( ) public view returns(uint){

    require(msg.sender == accHolder, "you are not the account owner");

    return balance;

}

}