10. Write a smart contract on a test network, for Bank account of a customer for following operations: (BT)
    1. Deposit money
    2. Withdraw Money
    3. Show balance

    CODE:-

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.18;

contract Bank {
    mapping(address => uint) private balances;

    event Deposit(address indexed account, uint amount);
    event Withdraw(address indexed account, uint amount);

    function deposit(uint amount) public {
        require(amount > 0, "Amount must be greater than zero.");
        balances[msg.sender] += amount;
        emit Deposit(msg.sender, amount);
    }

    function withdraw(uint amount) public {
        require(amount > 0, "Amount must be greater than zero.");
        require(balances[msg.sender] >= amount, "Insufficient
balance.");
        balances[msg.sender] -= amount;
        emit Withdraw(msg.sender, amount);
    }

    function getBalance() public view returns (uint) {
        return balances[msg.sender];
    }
}
```