

```
// SPDX-License-Identifier: UNLICENSED
```

```
pragma solidity ^0.8.0;
```

```
contract Bank{
```

```
    uint256 balance = 0;
```

```
    address accOwner;
```

```
    constructor(){
```

```
        accOwner = msg.sender;
```

```
    }
```

```
    function deposit() public payable {
```

```
        require(accOwner == msg.sender, "Please show original account");
```

```
        require(msg.value > 0,"add amount greater than 0");
```

```
        balance += msg.value;
```

```
    }
```

```
    function withdraw() public payable {
```

```
        require(accOwner == msg.sender, "Please show original account");
```

```
        require(msg.value > 0,"amount greater than 0");
```

```
        balance -= msg.value;
```

```
    }
```

```
function showBalance() public view returns(uint256){  
    require(accOwner == msg.sender, "Please show original account");  
  
    return balance;  
}  
  
}
```