

```
pragma solidity ^0.8.0;
```

```
contract SimpleBank {
```

```
    address public owner;
```

```
    uint256 public balance;
```

```
    constructor() public {
```

```
        owner = msg.sender;
```

```
        balance = 0;
```

```
    }
```

```
    function deposit(uint256 amount) public {
```

```
        require(msg.sender == owner, "Only the owner can deposit money");
```

```
        balance += amount;
```

```
    }
```

```
    function withdraw(uint256 amount) public {
```

```
        require(msg.sender == owner, "Only the owner can withdraw money");
```

```
        require(amount <= balance, "Insufficient balance");
```

```
        balance -= amount;
```

```
    }
```

```
    function getBalance() public returns (uint256) {
```

```
        return balance;
```

```
    }
```

```
}
```

← → ↺

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.0+commit.c7dfd78e.js

🔍 ⚙️ ☆ ⚙️ 🏠 👤

DEPLOY & RUN TRANSACTIONS

GAS LIMIT

3000000

VALUE

0

Wei

CONTRACT

SimpleBank - contracts/artifacts/Ba

evm version: Istanbul

Deploy

☐ Publish to IPFS

At Address

Load contract from Address

Transactions recorded 6 ⓘ

Deployed Contracts

▼ SIMPLEBANK AT 0x7Ef...8CB47 (MEW)

Balance: 0 ETH

deposit

20000

getBalance

withdraw

5000

balance

1

pragma solidity ^0.8.0;

2

3

contract SimpleBank {

4

address public owner;

5

uint256 public balance;

6

7

constructor() public {

8

owner = msg.sender;

9

balance = 0;

10

}

11

12

function deposit(uint256 amount) public {

13

require(msg.sender == owner, "Only the owner can deposit money");

14

balance += amount;

15

}

16

17

function withdraw(uint256 amount) public {

18

require(msg.sender == owner, "Only the owner can withdraw money");

19

require(amount <= balance, "Insufficient balance");

20

balance -= amount;

21

}

22

23

function getBalance() public returns (uint256) {

24

return balance;

25

}

26

}

27

🔍 0 ☐ listen on all transactions

🔍 Search with transaction hash or address

CALL [call] from: 0x58380a6a701c568545dcfc803fc8875f56beddC4 to: SimpleBank.owner() data: 0x8da...5cb5b

Debug