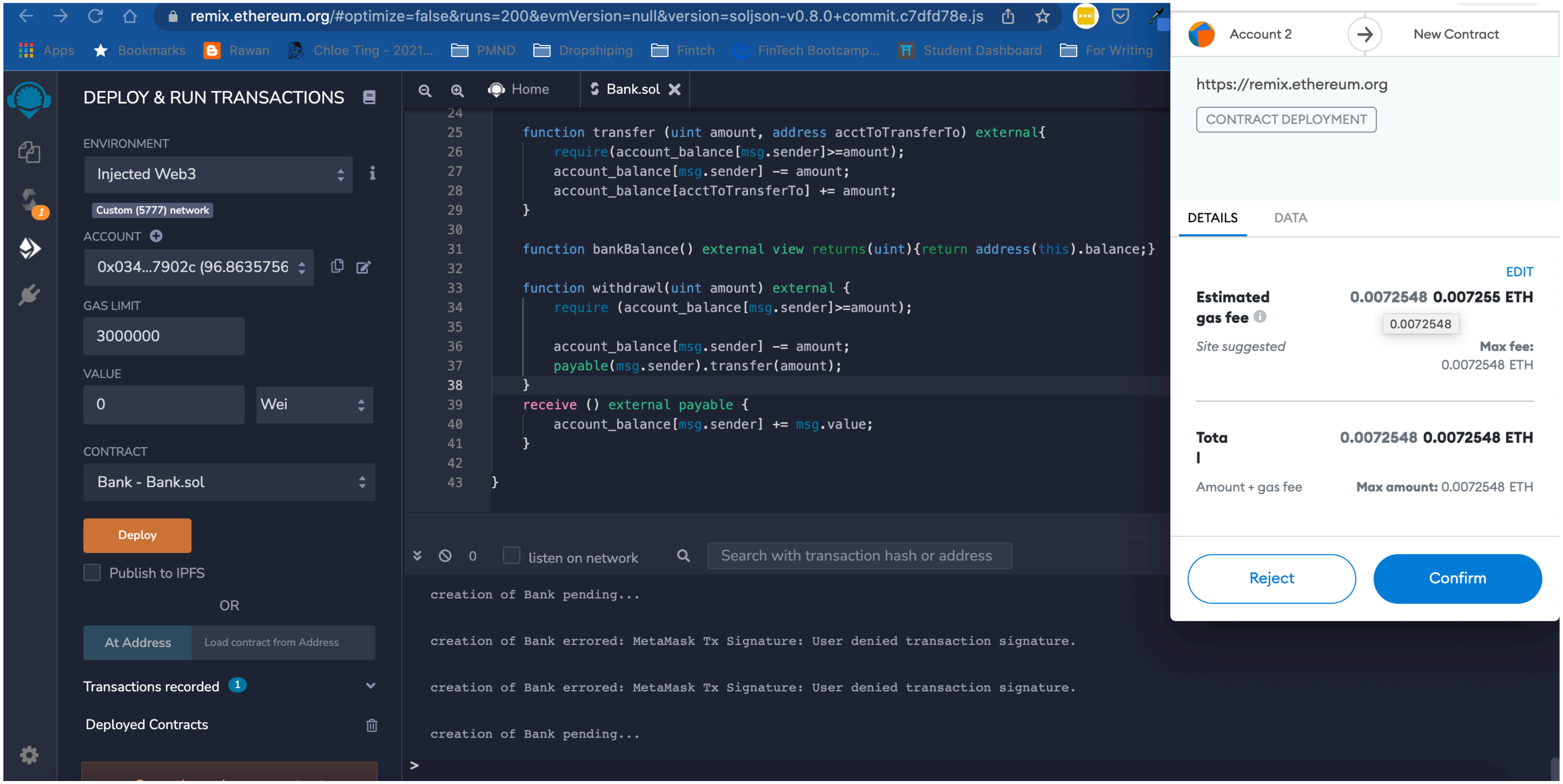
Bank Contract Deploy



ENVIRONMENT
Injected Web3
Custom (5777) network

ACCOUNT
0x034...7902c (96.8635756

GAS LIMIT
3000000

VALUE
0 Wei

CONTRACT
Bank - Bank.sol

□ Publish to IPFS

Transactions recorded 1

```
    function transfer (uint amount, address acctToTransferTo) external{
        require(account_balance[msg.sender]>=amount);
        account_balance[msg.sender] -= amount;
        account_balance[acctToTransferTo] += amount;
    }

    function bankBalance() external view returns(uint){return address(this).balance;}

    function withdrawl(uint amount) external {
        require (account_balance[msg.sender]>=amount);

        account_balance[msg.sender] -= amount;
        payable(msg.sender).transfer(amount);
    }
    receive () external payable {
        account_balance[msg.sender] += msg.value;
    }

}
```

```
creation of Bank pending...

creation of Bank errored: MetaMask Tx Signature: User denied transaction signature.

creation of Bank errored: MetaMask Tx Signature: User denied transaction signature.

creation of Bank pending...
```

Account 2 → New Contract

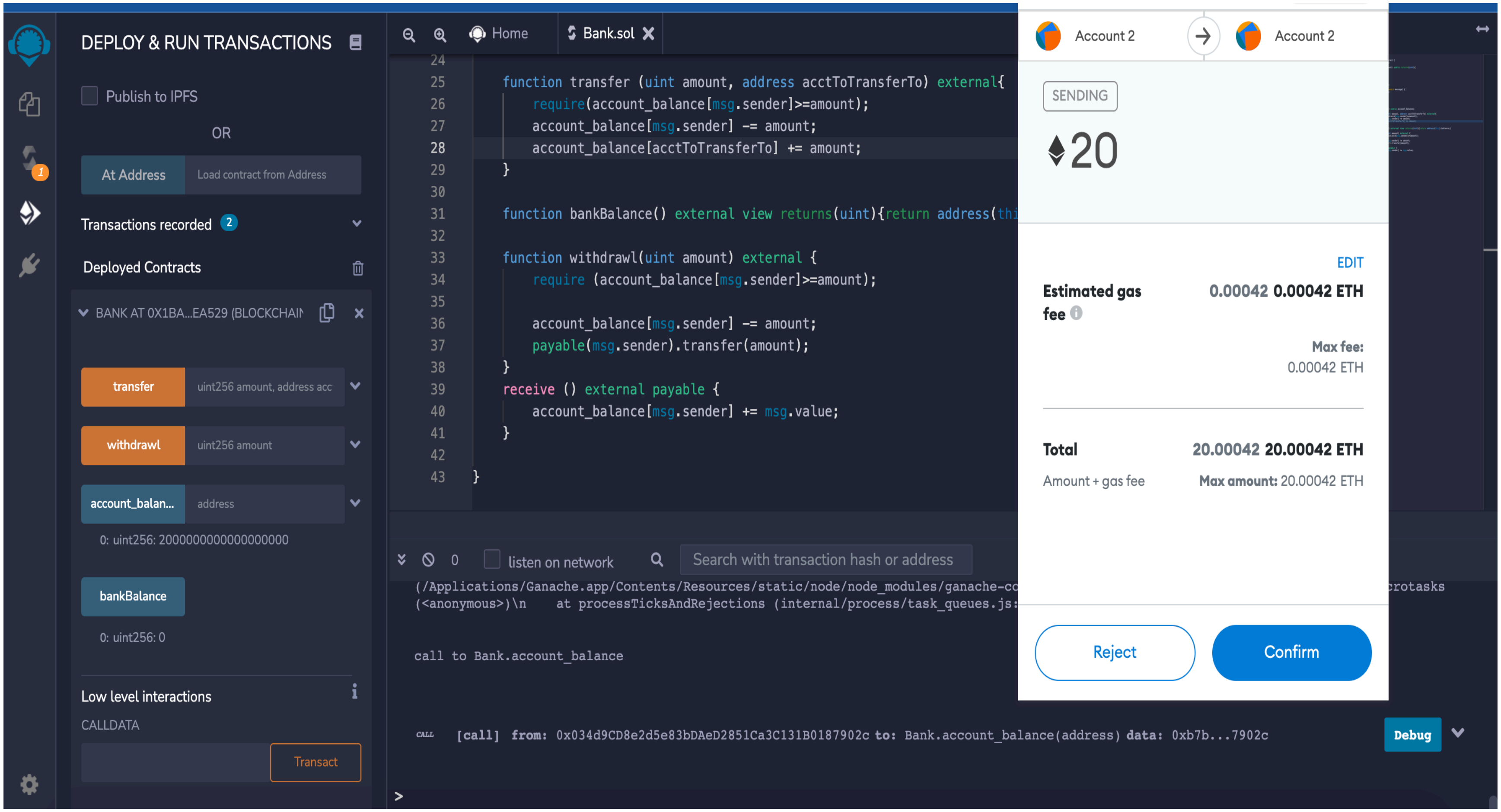
https://remix.ethereum.org

CONTRACT DEPLOYMENT

Estimated gas fee 0.0072548 **0.007255 ETH**
0.0072548
Site suggested **Max fee:** 0.0072548 ETH

Tota l 0.0072548 **0.0072548 ETH**
Amount + gas fee **Max amount:** 0.0072548 ETH

Send 20ETH



0: uint256: 2000000000000000000

0: uint256: 0

```
    function transfer (uint amount, address acctToTransferTo) external{
        require(account_balance[msg.sender]>=amount);
        account_balance[msg.sender] -= amount;
        account_balance[acctToTransferTo] += amount;
    }

    function bankBalance() external view returns(uint){return address(thi

    function withdrawl(uint amount) external {
        require (account_balance[msg.sender]>=amount);

        account_balance[msg.sender] -= amount;
        payable(msg.sender).transfer(amount);
    }
    receive () external payable {
        account_balance[msg.sender] += msg.value;
    }

}
```

```
(/Applications/Ganache.app/Contents/Resources/static/node/node_modules/ganache-co                    crotasks
(<anonymous>)\n    at processTicksAndRejections (internal/process/task_queues.js:

call to Bank.account_balance

CALL  [call] from: 0x034d9CD8e2d5e83bDAeD2851Ca3C131B0187902c to: Bank.account_balance(address) data: 0xb7b...7902c

>
```

♦20

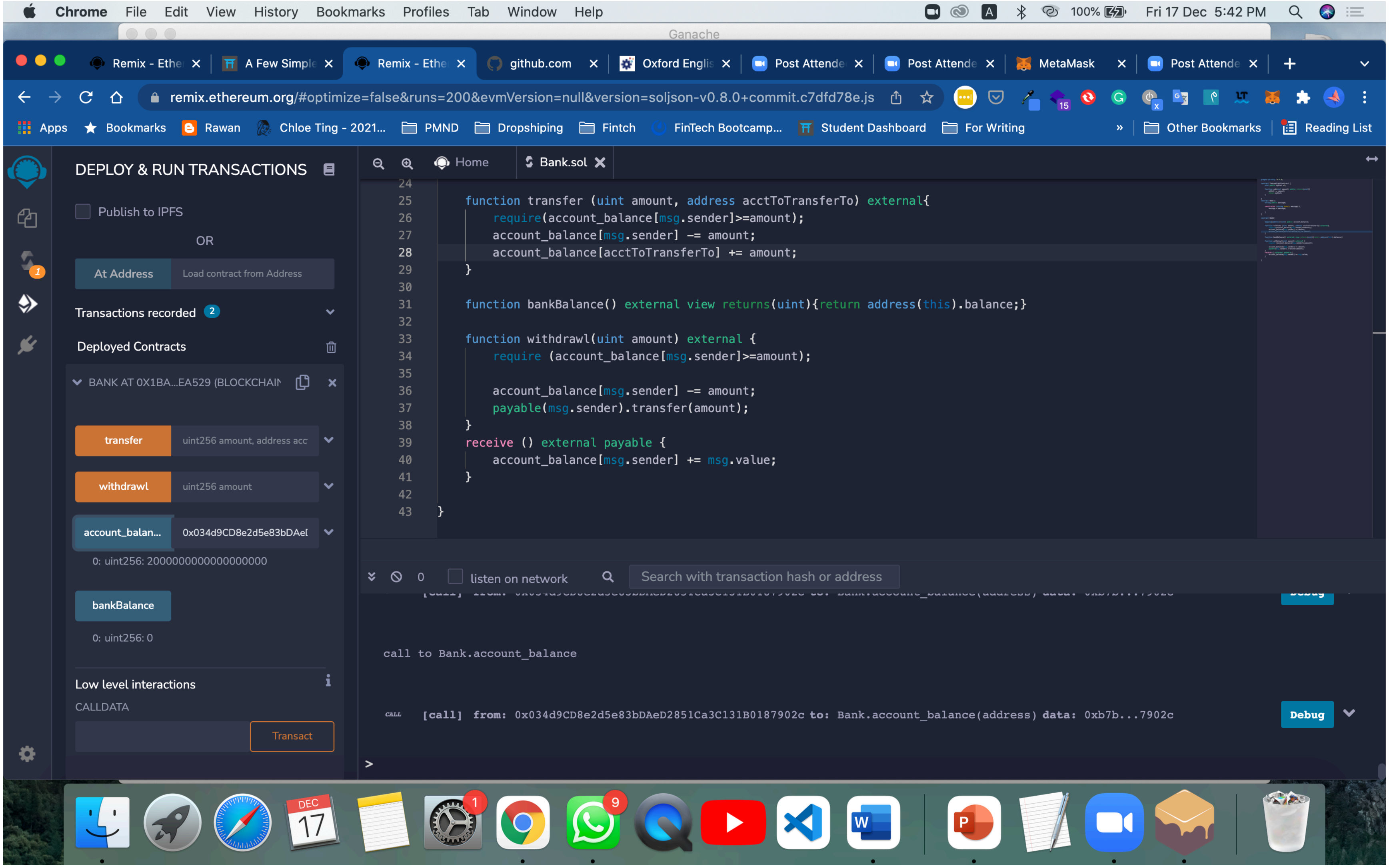
Estimated gas fee 0.00042 0.00042 ETH

Max fee: 0.00042 ETH

Total 20.00042 20.00042 ETH

Amount + gas fee Max amount: 20.00042 ETH

Test the Balance



DEPLOY & RUN TRANSACTIONS

□ Publish to IPFS

OR

At Address | Load contract from Address

Transactions recorded 2

Deployed Contracts

BANK AT 0X1BA...EA529 (BLOCKCHAIN

transfer | uint256 amount, address acc

withdrawl | uint256 amount

account_balan... | 0x034d9CD8e2d5e83bDAeI

0: uint256: 2000000000000000000

bankBalance

0: uint256: 0

Low level interactions

CALLDATA

Transact

```
    function transfer (uint amount, address acctToTransferTo) external{
        require(account_balance[msg.sender]>=amount);
        account_balance[msg.sender] -= amount;
        account_balance[acctToTransferTo] += amount;
    }

    function bankBalance() external view returns(uint){return address(this).balance;}

    function withdrawl(uint amount) external {
        require (account_balance[msg.sender]>=amount);

        account_balance[msg.sender] -= amount;
        payable(msg.sender).transfer(amount);
    }
    receive () external payable {
        account_balance[msg.sender] += msg.value;
    }

}
```

```
call to Bank.account_balance

CALL  [call] from: 0x034d9CD8e2d5e83bDAeD2851Ca3C131B0187902c to: Bank.account_balance(address) data: 0xb7b...7902c
```