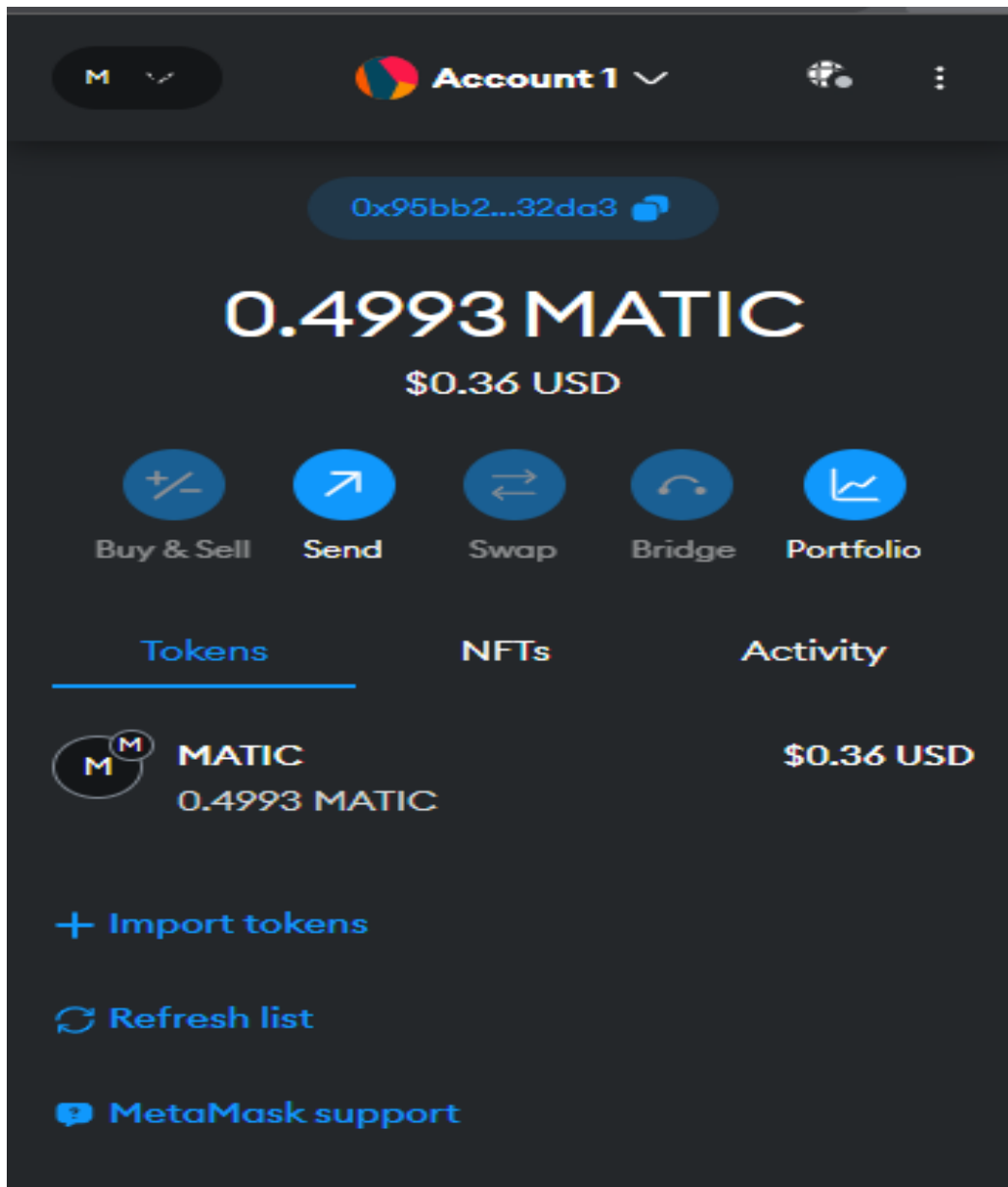


PATIL SHWETA SADANAND
BLOCKCHAIN LAB
612041(BEIT)

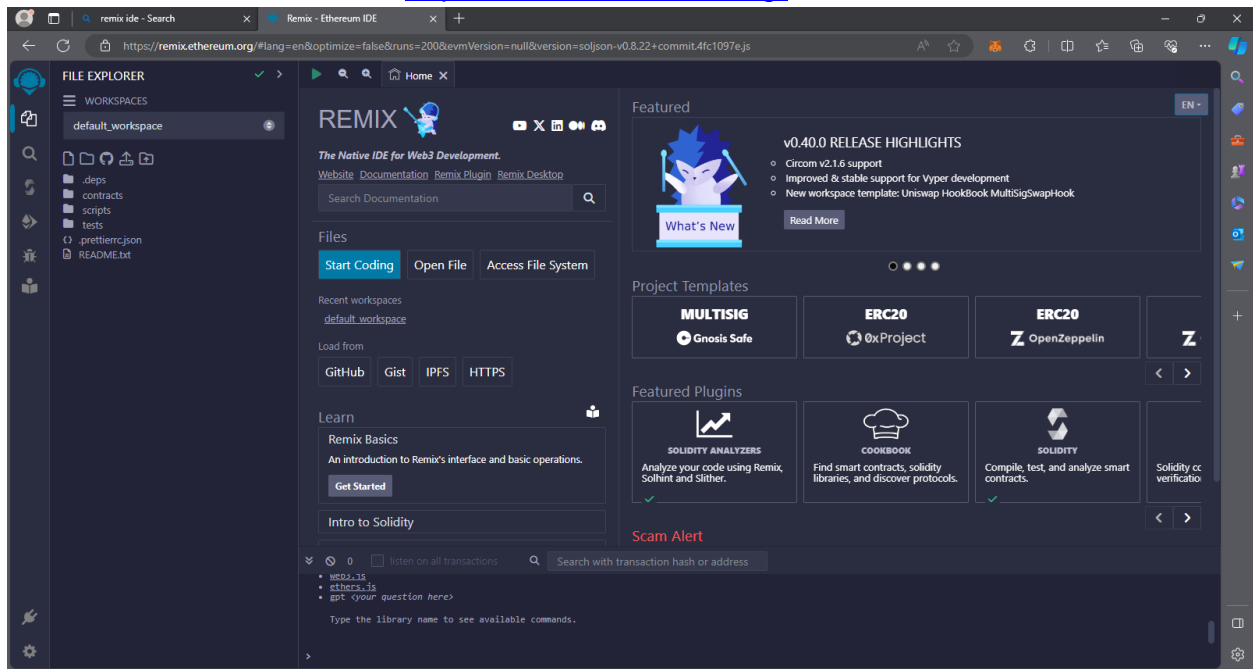
EXPERIMENT NO.3

SMART CONTRACT :

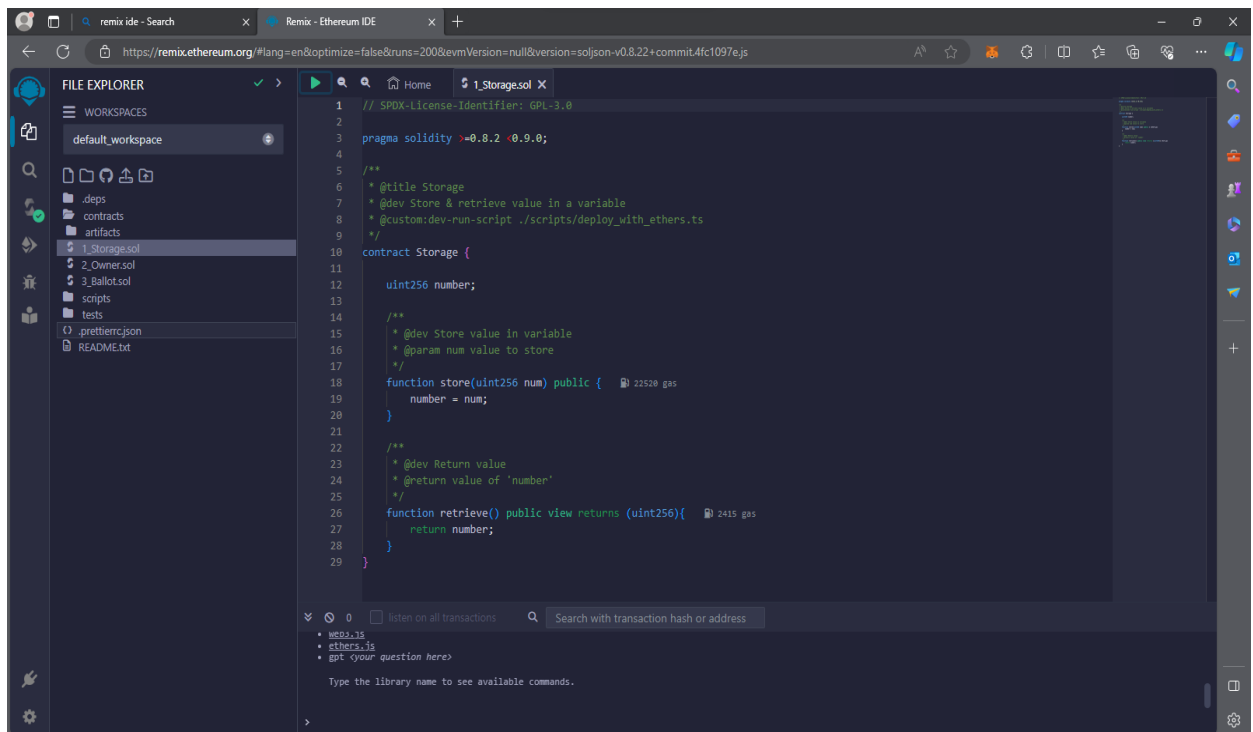
Login to the MetaMask



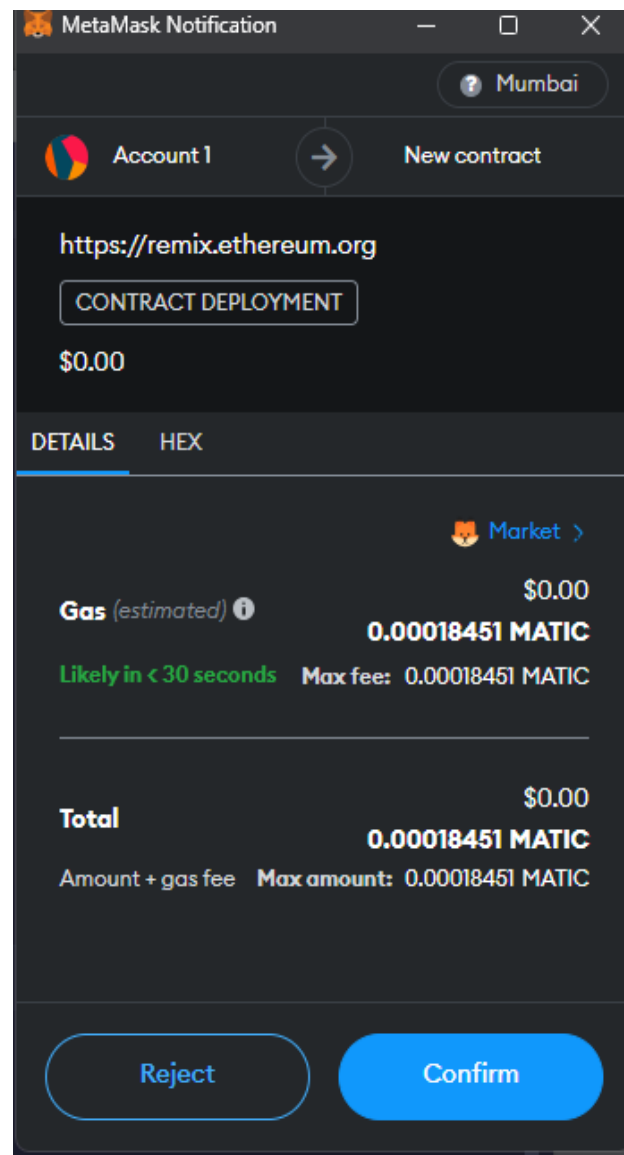
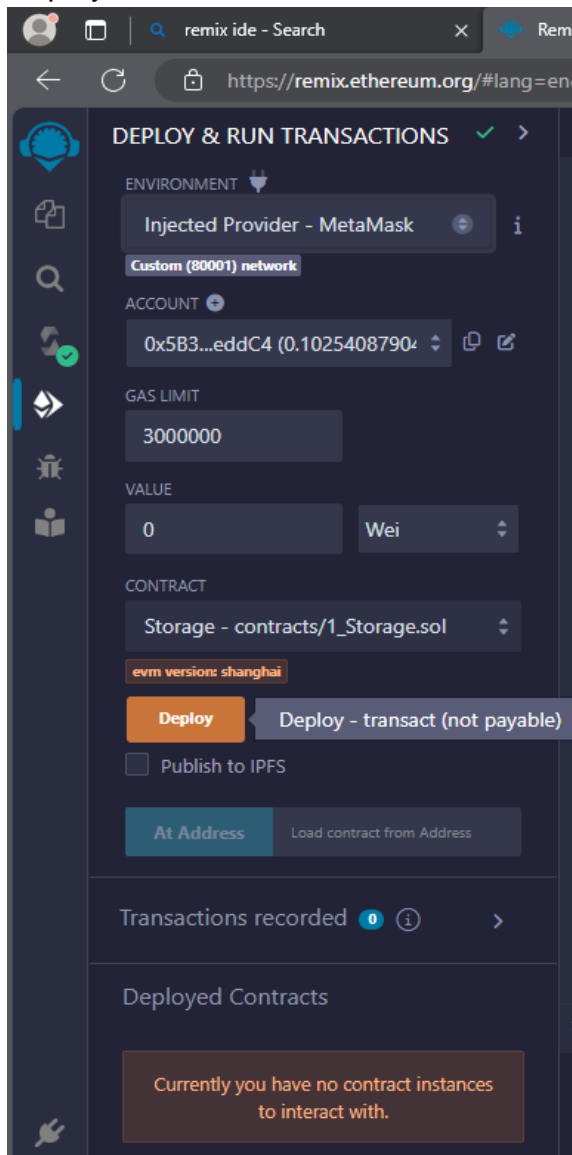
Go to the Remix website → <https://remix.ethereum.org/>

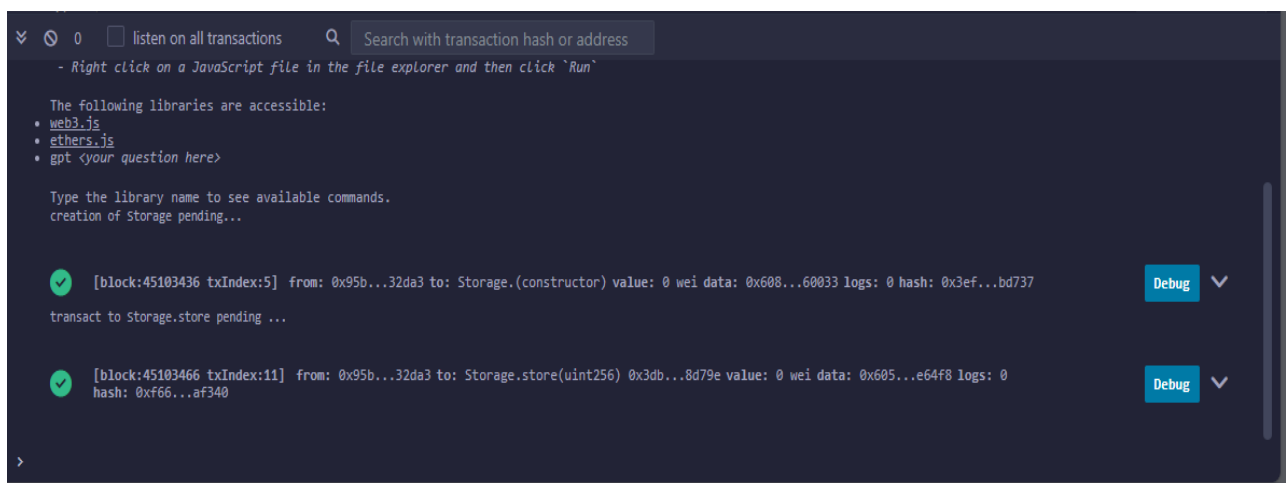
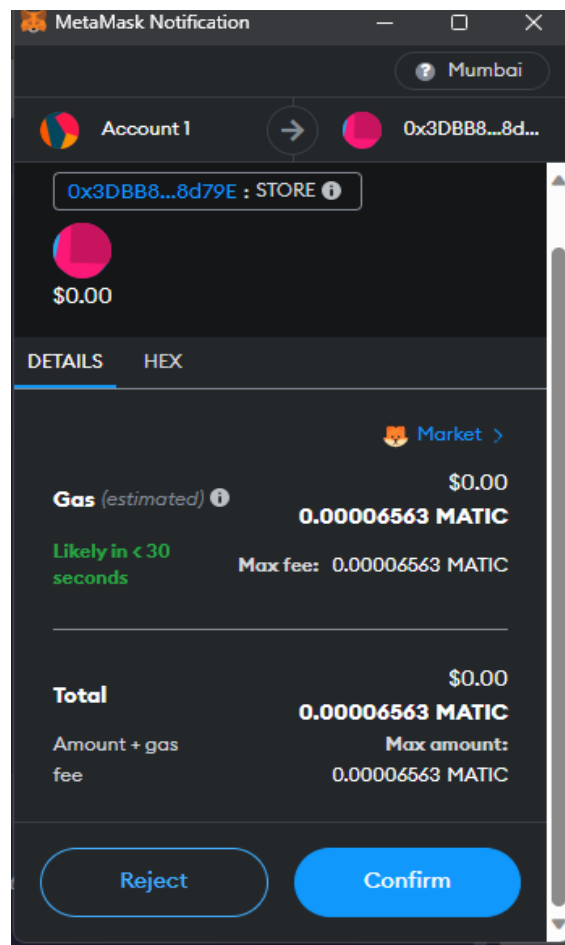
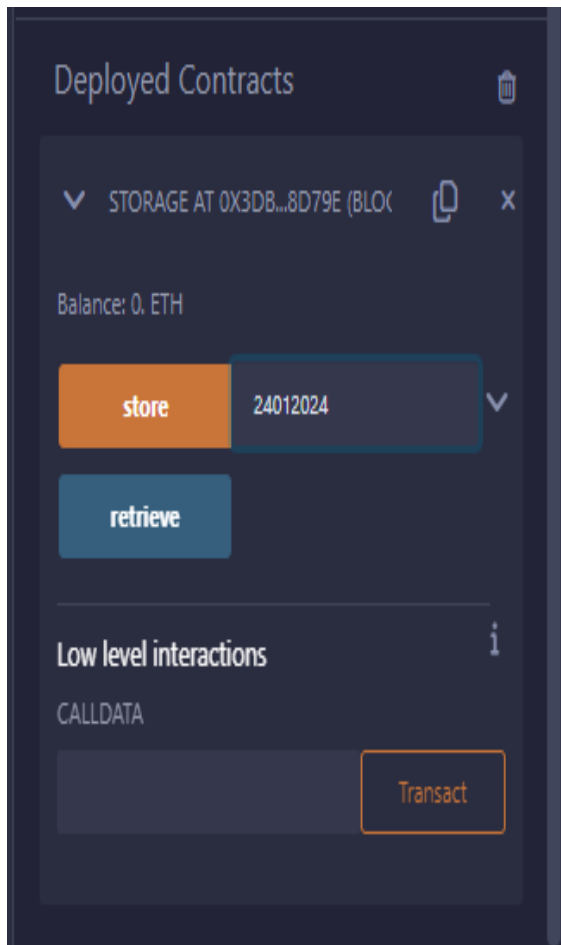


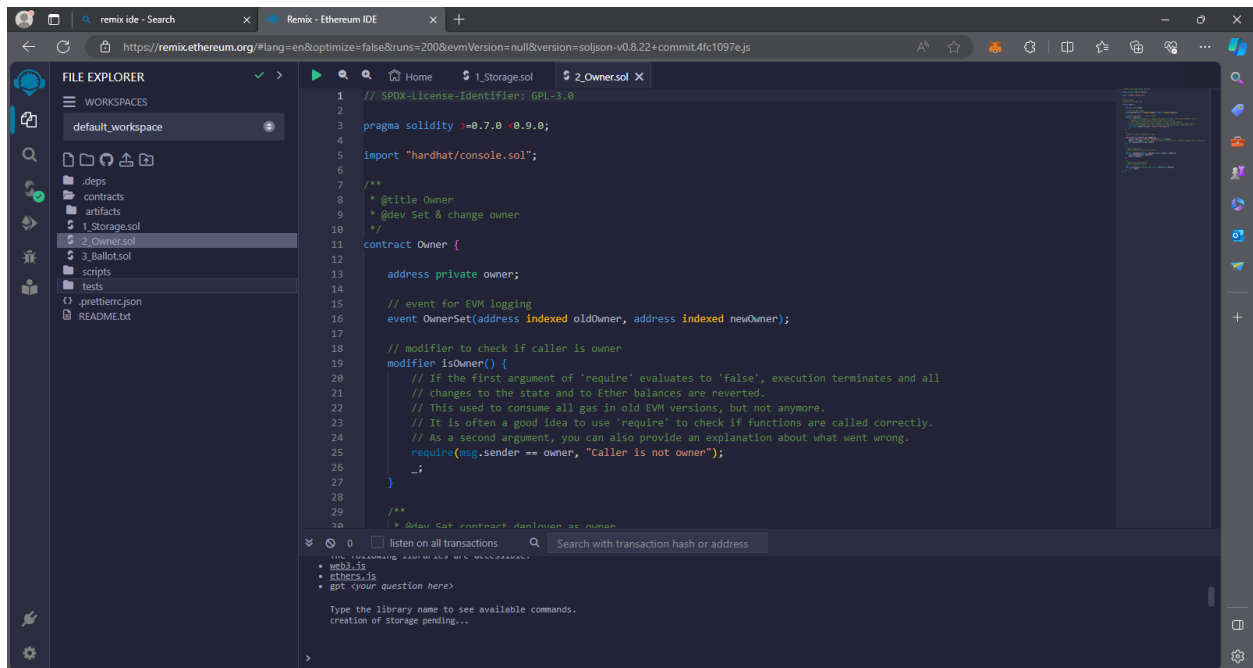
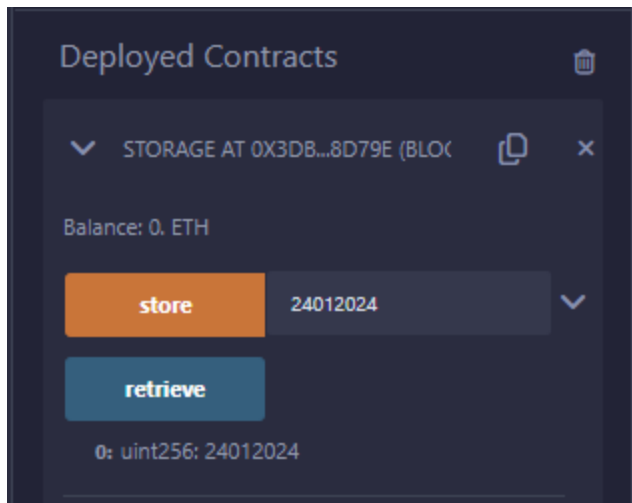
In this Go to Contracts folder → storage.solution



Deploy and Run the Transactions







DEPLOY & RUN TRANSACTIONS ✓

ENVIRONMENT

Injected Provider - MetaMask

Custom (80001) network

ACCOUNT

0x95b...32da3 (0.49906377799

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

Owner - contracts/2_Owner.sol

evm version: shanghai

Deploy

☐ Publish to IPFS

At Address Load contract from Address

MetaMask Notification

Mumbai

Account 1 New contract

https://remix.ethereum.org

CONTRACT DEPLOYMENT

\$0.00

DETAILS HEX

Market

Gas (estimated) \$0.00
0.00043597 MATIC
Likely in < 30 seconds Max fee: 0.00043597 MATIC

Total \$0.00
0.00043597 MATIC
Amount + gas fee Max amount: 0.00043597 MATIC

Reject Confirm

OWNER AT 0X5C5...580B0 (BLOCK)

Balance: 0 ETH

changeOwner sabocsiddik

getOwner

0x address: 0x95bb2f8566c60d681d6409088179f40367b32da3

Low level interactions

CALLDATA

Transact

0 ☐ listen on all transactions Search with transaction hash or address

call to Storage.retrieve

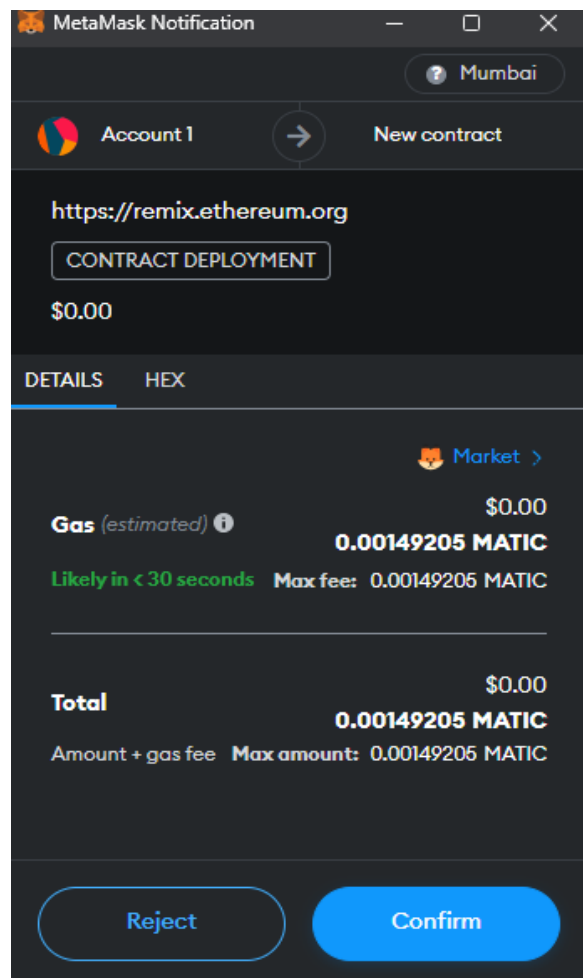
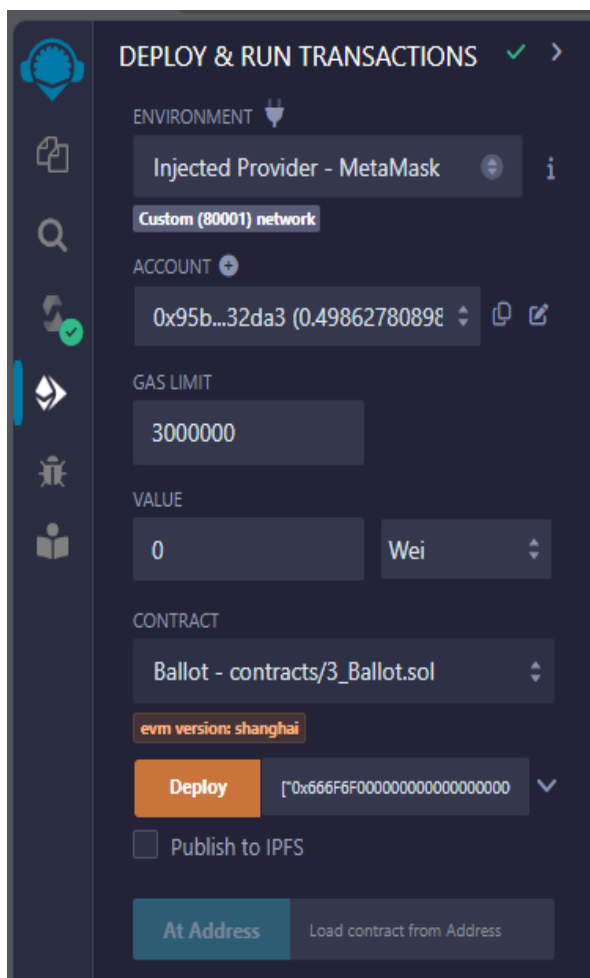
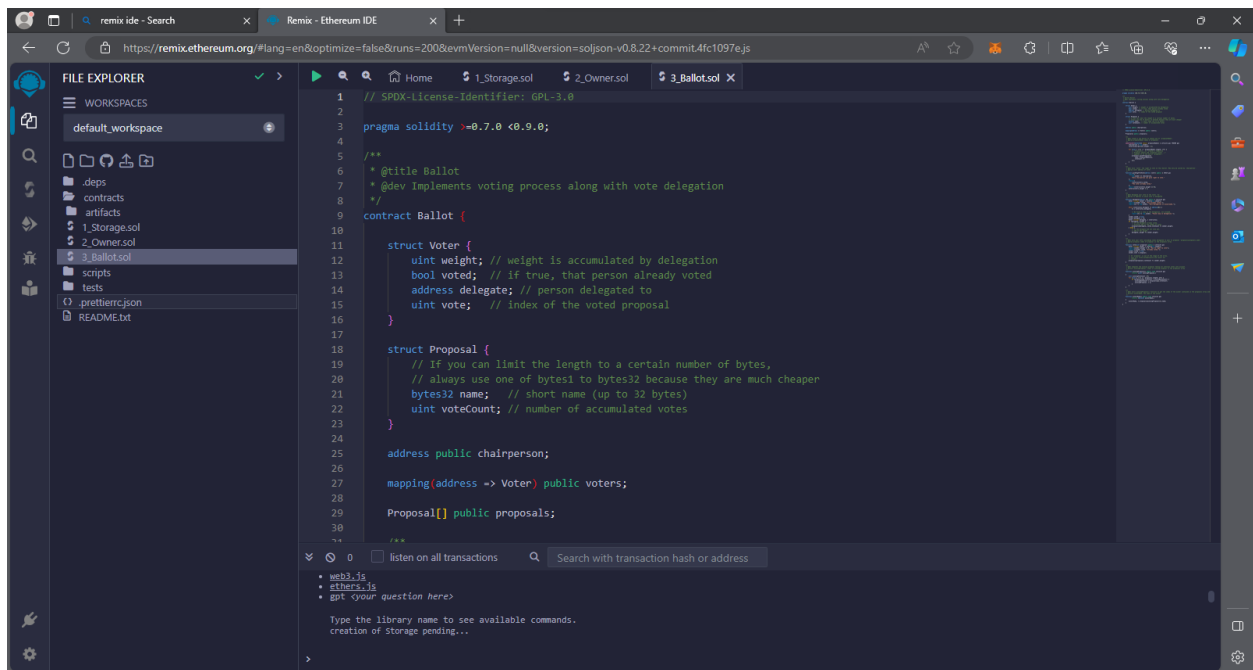
call [call] from: 0x95bb2f8566c60d681d6409088179f40367b32da3 to: Storage.retrieve() data: 0x2e6...4cec1

creation of Owner pending...

[block:45103563 txIndex:7] from: 0x95b...32da3 to: Owner.(constructor) value: 0 wei data: 0x608...60033 logs: 1 hash: 0x188...d9af6

call to Owner.getOwner

call [call] from: 0x95bb2f8566c60d681d6409088179f40367b32da3 to: Owner.getOwner() data: 0x893...d20e8



SOLIDITY COMPILER

COMPILER +

0.8.22+commit.4fc1097e

☐ Include nightly builds

☐ Auto compile

☐ Hide warnings

Advanced Configurations

Compile calc.sol

Compile and Run script

CONTRACT

gfgMathPlus (calc.sol)

Publish on Ipfs

Publish on Swarm

Compilation Details

ABI Bytecode

```
1 // Solidity program to
2 // demonstrate addition
3 // SPDX-License-Identifier: GPL-3.0
4
5 pragma solidity >=0.8.2 <0.9.0;
6
7 contract gfgMathPlus
8 {
9     // Declaring the state
10    // variables
11    uint firstNo ;
12    uint secondNo ;
13
14    // Defining the function
15    // to set the value of the
16    // first variable
17    function firstNoSet(uint x) public 22528 gas
18    {
19        firstNo = x;
20    }
21
22    // Defining the function
```

0

☐ listen on all transactions

Search with transaction hash or address

transaction to gfgMathPlus.firstNoSet pending ...

transaction to gfgMathPlus.secondNoSet pending ...

[block:45104340 txIndex:12] from: 0x95b...32da3 to: gfgMathPlus.firstNoSet(uint256) 0x00d...c1fc7 value: 0 wei data: 0x710...00019 logs: 0 hash: 0x30e...399a0

call to gfgMathPlus.add

Debug

[block:45104343 txIndex:8] from: 0x95b...32da3 to: gfgMathPlus.secondNoSet(uint256) 0x00d...c1fc7 value: 0 wei data: 0xf91...0001a logs: 0 hash: 0xa7e...e51e2

Debug

[call] from: 0x95bb2f8566c60De81D6409088179f40367b32da3 to: gfgMathPlus.add() data: 0x4f2...be91f

Debug

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT

Injected Provider - MetaMask

Custom (80001) network

ACCOUNT

0x95b...32da3 (0.4967735584)

GAS LIMIT

3000000

VALUE

0

Wei

CONTRACT

gfgMathPlus - contracts/calc.sol

evm version: shanghai

Deploy

☐ Publish to IPFS

At Address

Load contract from Address

GFGMATHPLUS AT 0X00D...C1FC7

Balance: 0. ETH

firstNoSet

25

secondNoSet

26

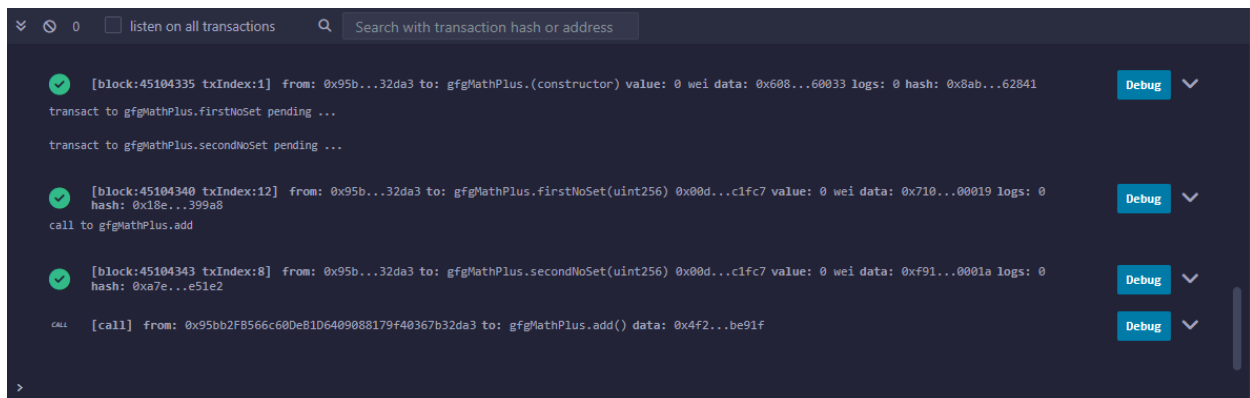
add

0: uint256: 51

Low level interactions

CALLDATA

Transact



All the Smart Contracts :

