

MetaMask | chrome-extension://nkbihfbeogaeaoehlefknkodbefgpgknn/home.html#

Ethereum Mainnet Account 1

0xd48...eDF4

0 ETH \$0.00 USD

Buy Send Swap Bridge Portfolio

Tokens NFTs Activity

Ethereum 0 ETH \$0.00 USD

+ Import tokens

Refresh list

screenrec

The screenshot shows the MetaMask extension's user interface. At the top, it displays the network as "Ethereum Mainnet" and the account as "Account 1" with the address "0xd48...eDF4". Below this, the current balance is shown as "0 ETH" and "\$0.00 USD". A row of five blue circular buttons provides quick access to "Buy", "Send", "Swap", "Bridge", and "Portfolio". The "Tokens" tab is currently selected, showing a single entry for "Ethereum" with "0 ETH". There is also a link to "+ Import tokens". A "Refresh list" button is located at the bottom left of the tokens section. The bottom of the screen shows the Windows taskbar with icons for various applications like Gmail, YouTube, Maps, and Remix - Ethereum L., along with the "screenrec" application icon.

09/06/2023 22:41

remix.ethereum.org/?#activate=LearnEth&lang=en&optimize=false&runs=200&evmVersion=null

FILE EXPLORER

WORKSPACES

default_workspace

contracts

artifacts

1.Storage.sol

2.Owner.sol

3.Ballot.sol

scenario.json

scenario1.json

scenario2.json

scenario3.json

scenario4.json

scripts

tests

.deps

npm

hardhat

console.sol

README.txt

,prettierrc.json

```
// SPDX-License-Identifier: GPL-3.0
pragma solidity >=0.8.2 <0.9.0;

/**
 * @title Storage
 * @dev Store & retrieve value in a variable
 * @custom:dev-run-script ./scripts/deploy_with_ether.ts
 */
contract Storage {
    uint256 number;

    /**
     * @dev Store value in variable
     * @param num value to store
     */
    function setnumber(uint256 num) public {
        number = num;
    }
}

creation of Owner pending...
creation of Owner pending...
```

Search with transaction hash or address

10:42 9/6/2023

screenrec

09/06/2023 22:42

remix.ethereum.org/?#activate=LearnEth&lang=en&optimize=false&rungs=2008&evmVersion=null

Gmail YouTube Maps MetaMask Remix - Ethereum I... #1 Solidity Tutorial...

DEPLOY & RUN TRANSACTIONS

Publish to IPFS

At Address Load contract from Address

Transactions recorded ①

Run transactions using the latest compilation result

Save Run

Deployed Contracts

STORAGE AT 0xD91...39138 (MEMORY)

Balance: 0 ETH

setnumber uint256 num

getnumber

Low level interactions

CALldata

Transact

Home 1_Storage.sol 1 X 2_Owners.sol 1

```
// SPDX-License-Identifier: GPL-3.0
pragma solidity >=0.8.2 <0.9.0;

/**
 * @title Storage
 * @dev Store & retrieve value in a variable
 * @custom:dev-run-script ./scripts/deploy_with_ether.ts
 */
```

0 listen on all transactions Search with transaction hash or address

block hash 0x38f691ef56af812dd722da03718380eb4bad36bbe48a7173dc3e153c8839a03e

block number 1

contract address 0xd9145CCE52D386f254917e481e844e9943F39138

from 0x5B380a6a701c568545dCfcB03FcB875fS6beddc4

to Storage.(constructor)

gas 144529 gas

transaction cost 125701 gas

execution cost 67317 gas

input 0x688...20833

decoded input

screenrec

09/06/2023 22:43

remix.ethereum.org/?#activate=LearnEth&lang=en&optimize=false&runs=200&evmVersion=null

Injected Provider - MetaMask

Main (1) network

Account: 0xd48...4eDF4 (0 ether)

GAS LIMIT: 3000000

Value: 0 Wei

Contract: Storage - contracts/1_Storage.sol

Deploy

Publish to IPFS

At Address: Load contract from Address

Transactions recorded: 0

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT

1 // SPDX-License-Identifier: GPL-3.0

2

3 pragma solidity >=0.8.2 <0.9.0;

4

5 */**

6 ** @title Storage*

7 ** @dev Store & retrieve value in a variable*

8 ** @custom:dev-run-script ./scripts/deploy_with_ether*

9 **/*

10 contract Storage {

11

12 uint256 number;

13

14 */**

15 ** @dev Store value in variable*

16 ** @param num value to store*

17 **/*

18 function setnumber(uint256 num) public {

19 number = num;

20 }

21

22 */**

23 ** @dev Return value*

24 ** @return value of 'number'*

25 **/*

26 function getnumber() public view returns (uint256) {

listen on all transactions

transaction hash: A0

Search with transaction hash

Account 1

OETH \$0.00 USD

Buy Send Swap Bridge Portfolio

Ethereum 0 ETH \$0.00 USD

Import tokens Refresh list MetaMask support

The screenshot shows the Remix Ethereum IDE interface. On the left, there's a sidebar with various icons for file operations like Open, Save, and Import. The main area has tabs for Home, 1_Storage.sol, and 2_Owners.sol. The code editor displays a Solidity contract named Storage. The interface includes sections for Deploy & Run Transactions (with fields for Environment, Account, Gas Limit, Value, Contract, and Deploy button), and a MetaMask integration showing account details and token balance. The bottom status bar shows system icons and the date/time.

09/06/2023 22:43

Remix - Ethereum IDE

remix.ethereum.org/?#activate=LearnEth&lang=en&optimize=false&runtimes=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d9

Gmail YouTube Maps Remix - Ethereum I... #1 Solidity Tutorial... MetaMask

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT
Injected Provider - MetaMask

ACCOUNT Main (1) network

GAS LIMIT 3000000

VALUE 0 Wei

CONTRACT Storage - contracts/1_Storage.sol

evm versions parity

Deploy

Publish to IPFS

At Address Load contract from Address

Transactions recorded

Home 1_Storage.sol

```
14 /**
15 * @dev Store value in variable
16 * @param num value to store
17 */
18 function setnumber(uint256 num) public { 22520 gas
19     number = num;
20 }
21 /**
22 * @dev Return value
23 * @return value of 'number'
24 */
25 function getnumber() public view returns (uint256) 2010 gas
26
```

listen on all transactions Search with transaction hash or address

You can use this terminal to:

- Check transactions details and start debugging.
- Execute JavaScript scripts:
 - Input a script directly in the command line interface
 - Select a Javascript file in the file explorer and then run `remix.execute()` or `remix.interface`
 - Right click on a JavaScript file in the file explorer and then click `Run`

The following libraries are accessible:

- web3 version 1.5.2
- ethers.js
- remix

Type the library name to see available commands.
creation of Storage pending...

[vm] from: 0x5B3...eddC4 to: Storage.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0xbab...9c6d6

Debug

MetaMask Notice https://remix.ethereum.org

Connect with MetaMask Select the account(s) to use on this site New account

Account 1 (0x430...3c5c) 0 ETH

Only connect with sites you trust. Learn more

Cancel Next

10:17 PM
9/7/2023

09/07/2023 22:18

Remix - Ethereum IDE

remix.ethereum.org/?#activate=LearnEth&lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d9

Gmail YouTube Maps Remix - Ethereum IDE MetaMask

DEPLOY & RUN TRANSACTIONS

Value: 0 Wei

Contract: Storage - contracts/1_Storage.sol

Deploy Publish to IPFS At Address Load contract from Address

Transactions recorded

Run transactions using the latest compilation result Save Run

Deployed Contracts

Currently you have no contract instances to interact with.

Home 1_Storage.sol

```
6 * @title Storage
7 * @dev Store & retrieve value in a variable
8 * @custom:dev-run-script ./scripts/deploy_with_ethers.ts
9 */
10 contract Storage {
11     uint256 number;
12
13    /**
14     * @dev Store value in variable
15     * @param num value to store
16     */
17    function setNumber(uint256 num) public {
18        number = num;
19    }
20}
```

0 listen on all transactions transaction cost: 125689 gas

execution cost: 67317 gas

input: 0x608...20033

decoded input: ()

decoded output: ()

logs: []

val: 0 wei

Search with transaction hash or address

Gas (estimated): 0.00750037 SepoliaETH

Very likely in <15 seconds Max fee: 0.00750084 SepoliaETH

Total: 0.00750037 SepoliaETH

Amount + gas fee: 0.00750037 SepoliaETH

0.00750084 SepoliaETH

You do not have enough SepoliaETH in your account to pay for transaction fees on Sepolia network. Buy SepoliaETH or deposit from another account.

Reject Confirm

screenrec

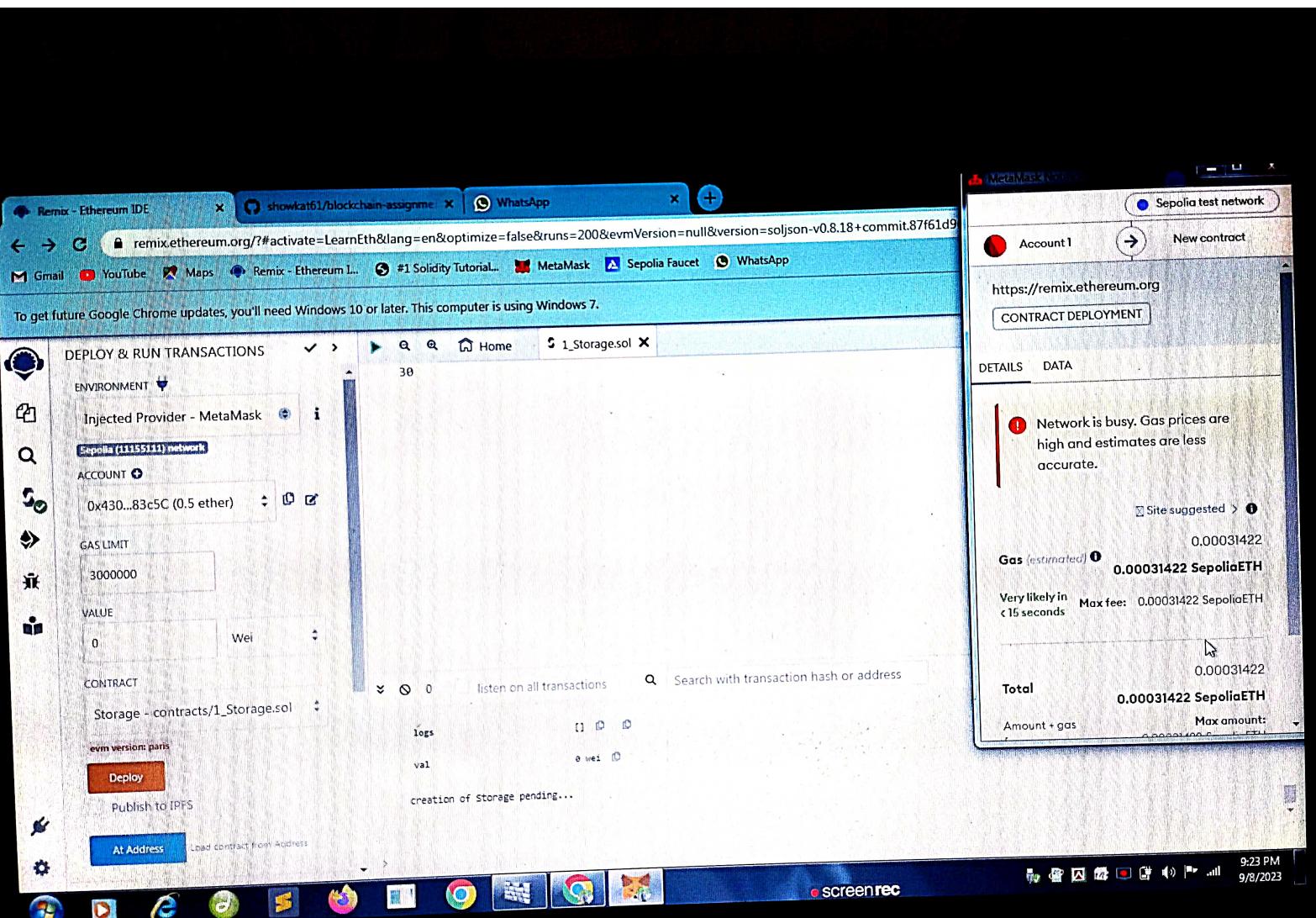
10:19 PM 9/7/2023

09/07/2023 22:19

The screenshot shows a web browser window with multiple tabs open at the top. The active tab is 'Sepolia Faucet' from sepoliafaucet.com. The browser's address bar also displays 'sepoliafaucet.com'. Below the tabs, the browser's toolbar includes links to YouTube, Maps, Remix - Ethereum L... (partially visible), #1 Solidity Tutorial..., MetaMask, and Alchemy.

The main content area features a large blue header with the text 'SEPOLIA FAUCET' in white. Below it, a subtext reads 'Fast and reliable. 0.5 Sepolia ETH/day.' A form is present for entering a wallet address or ENS domain, with a 'Send Me ETH' button in blue. There is also a checkbox for connecting an Alchemy account and a reCAPTCHA field. At the bottom, a table titled 'Your Transactions' shows one recent transaction with details like hash and time.

09/08/2023 20:24



09/08/2023 21:24

Remix - Ethereum IDE Sepolia Transaction Hashes [Ethereum] showkat61/blockchain-assignment WhatsApp

Gmail YouTube Maps Remix - Ethereum L... #1 Solidity Tutorial... MetaMask Sepolia Faucet WhatsApp

To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 7. Learn more

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT Injected Provider - MetaMask Sepolia (11155111) network

ACCOUNT 0x430...83c5C (0.499685777)

GAS LIMIT 3000000 The default gas limit is 3M. Adjust as needed.

VALUE 0 Wei

CONTRACT Storage - contracts/1_Storage.sol evm version: parity

Deploy Publish to IPFS At Address Load contract from Address

[block:4248505 txIndex:6] from: 0x430...83c5C to: Storage.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0xc20...fa42c call to Storage.getnumber

[call] from: 0x43044E94FeDEdf59DE4A53b4Cfc6c43Dd7E83c5C to: Storage.getnumber() data: 0x486...b7217

screenrec 9:24 PM

09/08/2023 21:25

Remix - Ethereum IDE Sepolia Transaction Hash (Txhash) showkat51/blockchain-assignment #1 Solidity Tutorial... MetaMask Sepolia Faucet WhatsApp

Gmail YouTube Maps Remix - Ethereum IDE #1 Solidity Tutorial... MetaMask Sepolia Faucet WhatsApp

To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 7.

DEPLOY & RUN TRANSACTIONS 30 1_Storage.sol

Transactions recorded 1 ⓘ Run transactions using the latest compilation result Save Run

Deployed Contracts

STORAGE AT 0xC2E...0A282 (BLOCKC)

Balance: 0 ETH

setnumber uint256 num

getnumber

0: uint256: 0

Low level interactions

CALLDATA

Transact

[block:4248505 txIndex:6] from: 0x430...83c5C to: Storage.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0xc20...fa42c status true Transaction mined and execution succeeded transaction hash 0xe3ed52dec2d2b2080a67a28eeb763f82d905be1b57456cb9ac548dd87733e585 block hash 0xc200a3072e8ba45b156a2ca4e43769bee0d0acc502df5796e85f6700c35fa42c block number 4248505 contract address 0xc2e01505899f580c898C1e6f38C0b03e8e90A2B2 from 0x43044E94FeDEdf590E4A53b4Cfc6c43Dd7E83c5C to Storage.(constructor) gas 125689 gas transaction cost 125689 gas

screenrec 09/08/2023 21:25