

Sent Mail - jaistyjenifer@gmail.co x Remix - Ethereum IDE & commu x Remix - Ethereum IDE x +

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.6.12+commit.27d51765.js

Gmail YouTube Maps Imported From IE Imported From IE (1)

### DEPLOY & RUN TRANSACTIONS

ACCOUNT

0x5B3...eddC4 (99.9999999%)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

Zone\_name - Zone name1.sol

evm version: Istanbul

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded

### Deployed Contracts

> ZONE\_NAME AT 0XD91...39138

Home Climate track smart using blockchain.sol 1 x Zone name1.sol

```
14 }
15
16 function getClimateData() public view returns (ClimateData memory) {
17     return climateRecords[msg.sender];
18 }
19
20 function updateClimateData(string memory details) public {
21     climateRecords[msg.sender].details = details;
22 }
23
24 // These are very basic functions written to carry out the operation
25
26 }
```

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

✓ [vm] from: 0x5B3...eddC4 to: Zone\_name.(constructor) value: 0 wei data: 0x608...c0033 logs: 0 hash: 0xa7f...2d8eb Debug

11:08 PM 10/26/2023

Browser tabs: (no subject) - jaistyjenifer@gmail, Remix - Ethereum IDE & commu, Remix - Ethereum IDE

Address bar: remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js

Navigation: Home, Climate track smart using blockchain.sol 1

FILE EXPLORER

WORKSPACES

default\_workspace

- .github
- artifacts
- contracts
- scripts
- tests
- .prettierrc.json
- ass.sol
- Climate track smart using blockchain.sol 1
- README.txt
- scenario.json
- Zone name.sol
- Zone Name.sol
- Zone name1.sol

```
18 }
19
20 function updateClimateData(string memory details) public {
21     climateRecords[msg.sender].details = details;
22 }
23
24 // These are very basic functions written to carry out the operation
25
26 }
```

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

Type the library name to see available commands.

Taskbar: Windows, Edge, File Explorer, VLC, Chrome, Firefox, Brave, Opera

System tray: 10:49 PM 10/26/2023

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.6.12+commit.27d51765.js

Gmail YouTube Maps Imported From IE Imported From IE (1)

### DEPLOY & RUN TRANSACTIONS

ENVIRONMENT  
Remix VM (Shanghai)

ACCOUNT  
VM  
0x5B3...eddC4 (100 ether)

GAS LIMIT  
3000000

VALUE  
0 Wei

CONTRACT  
Zone\_name - Zone name1.sol  
evm version: Istanbul

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded 0 1

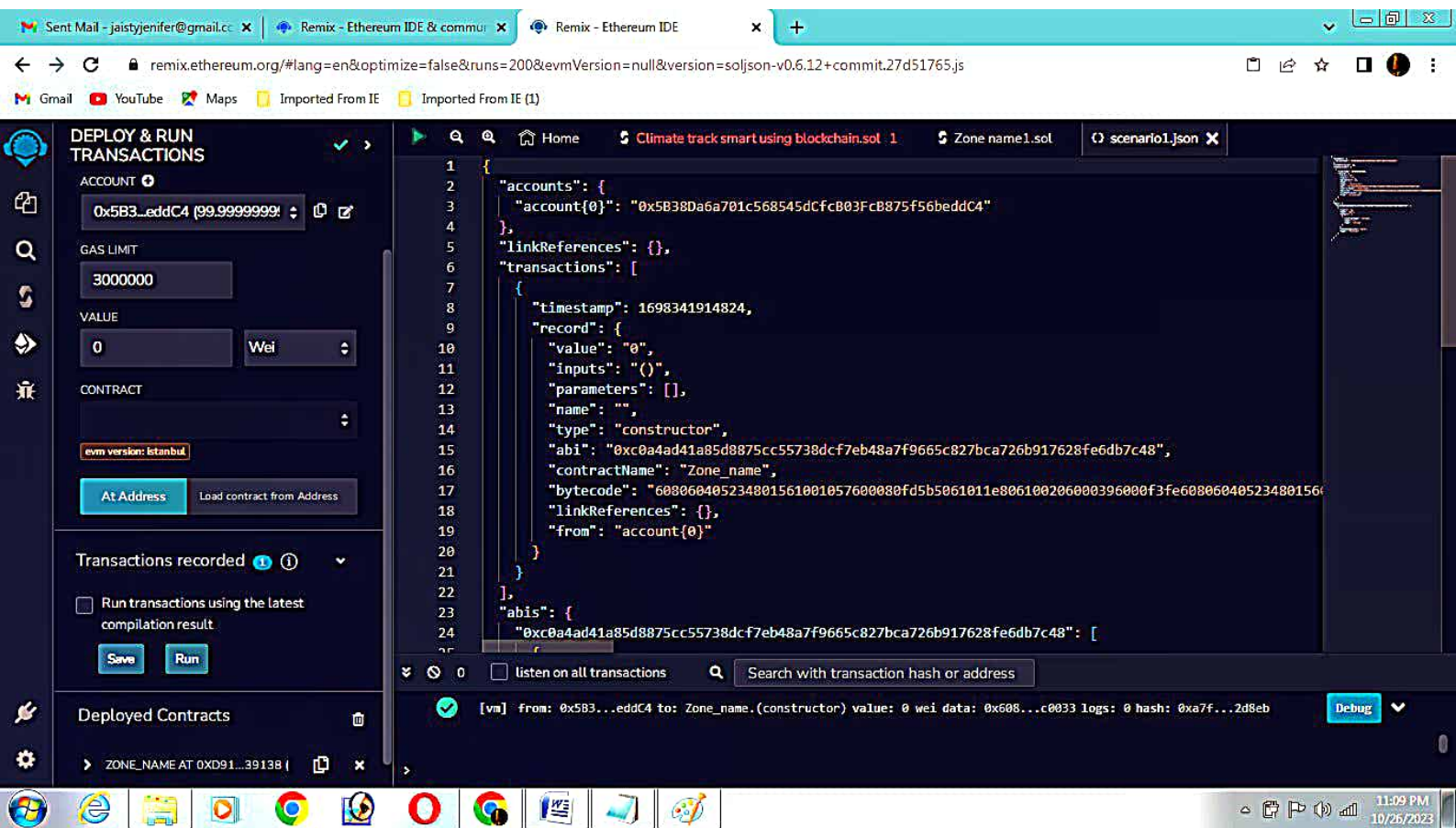
Deployed Contracts

```
1 Pragma solidity ^0.8.0;
2
3 contract climateChange{
4     struct ClimateData {
5         uint timestamp;
6         string details;
7     }
8
9     mapping(address => ClimateData) public climateRecords;
10
11     function addClimateData(string memory details) public {
12         ClimateData memory newData = ClimateData(block.timestamp, details);
13         climateRecords[msg.sender] = newData;
14     }
15
16     function getClimateData() public view returns (ClimateData memory) {
17         return climateRecords[msg.sender];
18     }
19
20     function updateClimateData(string memory details) public {
21         climateRecords[msg.sender].details = details;
22     }
23
24     // These are very basic functions written to carry out the operation
25 }
```

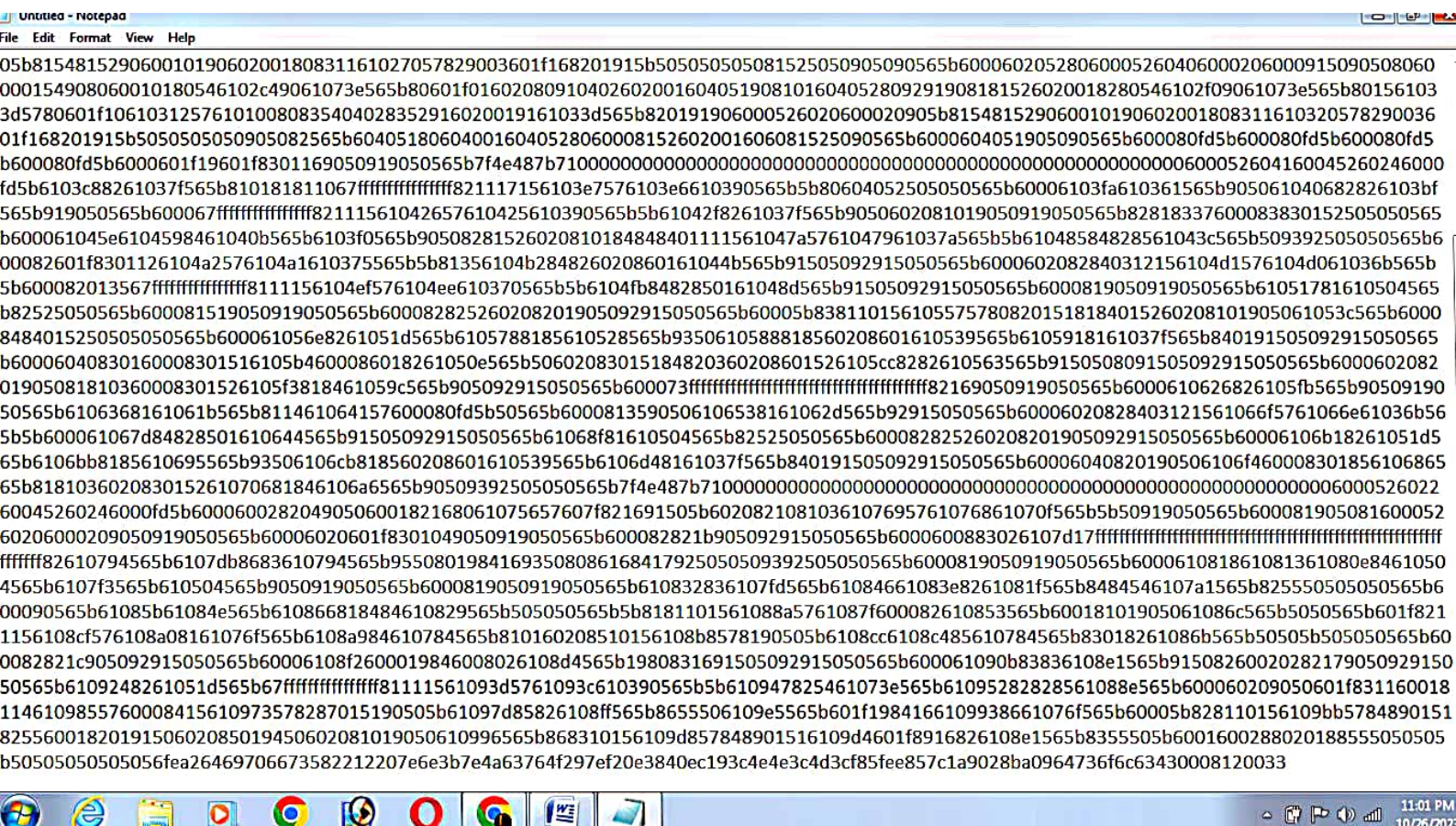
listen on all transactions Search with transaction hash or address

Type the library name to see available commands.

11:08 PM 10/26/2022







(no subject) - jaistyjenifer@gmail X Remix - Ethereum IDE & commu X Remix - Ethereum IDE X +

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js

Gmail YouTube Maps Imported From IE Imported From IE (1)

### SOLIDITY COMPILER

COMPILER +

0.8.18+commit.87f61d96

☐ Include nightly builds

☒ Auto compile

☐ Hide warnings

Advanced Configurations

Compile Climate track sma...

Compile and Run script

CONTRACT

climateChange (Climate track smart u...

Publish on Ipfs

Publish on Swarm

Compilation Details

ABI Bytecode

ParserError: Expected ';' but got

```
1 Pragma solidity ^0.8.0:
2
3 contract climateChange{
4     struct ClimateData {
5         uint timestamp;
6         string details;
7     }
8
9     mapping(address => ClimateData) public climateRecords;
10
11     function addClimateData(string memory details) public {
12         ClimateData memory newData = ClimateData(block.timestamp, details);
13         climateRecords[msg.sender] = newData;
14     }
15
16     function getClimateData() public view returns (ClimateData memory) {
17         return climateRecords[msg.sender];
18     }
19
20     function updateClimateData(string memory details) public {
21         climateRecords[msg.sender].details = details;
22     }
23
24     // These are very basic functions written to carry out the operation
```

listen on all transactions

Search with transaction hash or address

Type the library name to see available commands.

10:56 PM



(no subject) - jaistyjenifer@gmail.com x | Remix - Ethereum IDE & commu... x | Remix - Ethereum IDE x | +

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js

Gmail YouTube Maps Imported From IE Imported From IE (1)

### FILE EXPLORER

WORKSPACES

default\_workspace

- .github
- artifacts
- contracts
- scripts
- tests
- .prettierrc.json
- ass.sol
- Climate track smart using blockchain.sol 1
- README.txt
- scenario.json
- Zone name.sol
- Zone Name.sol
- Zone name1.sol

### Climate track smart using blockchain.sol 1 x

```
1 pragma solidity ^0.8.0;
2
3 contract climateChange{
4     struct ClimateData {
5         uint timestamp;
6         string details;
7     }
8
9     mapping(address => ClimateData) public climateRecords;
10
11     function addClimateData(string memory details) public { infinite gas
12         ClimateData memory newData = ClimateData(block.timestamp, details);
13         climateRecords[msg.sender] = newData;
14     }
15
16     function getClimateData() public view returns (ClimateData memory) { infinite gas
17         return climateRecords[msg.sender];
18     }
19
20     function updateClimateData(string memory details) public { infinite gas
21         climateRecords[msg.sender].details = details;
22     }
23
24     // These are very basic functions written to carry out the operation
25 }
```

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

Type the library name to see available commands.

10:48 PM 10/26/2022

The screenshot displays the Remix IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' sidebar is active, showing the deployment configuration for a contract named 'Zone\_name'. The account selected is '0x5B3...eddC4', the gas limit is '3000000', and the value is '0 Wei'. The contract name is 'Zone\_name'. The main editor shows the Solidity code for the 'Zone\_name' contract, which is a simple constructor that takes a 'Zone\_name' parameter and sets the 'zone\_name' variable. The bottom status bar shows the transaction hash and details, indicating that the contract was successfully deployed.