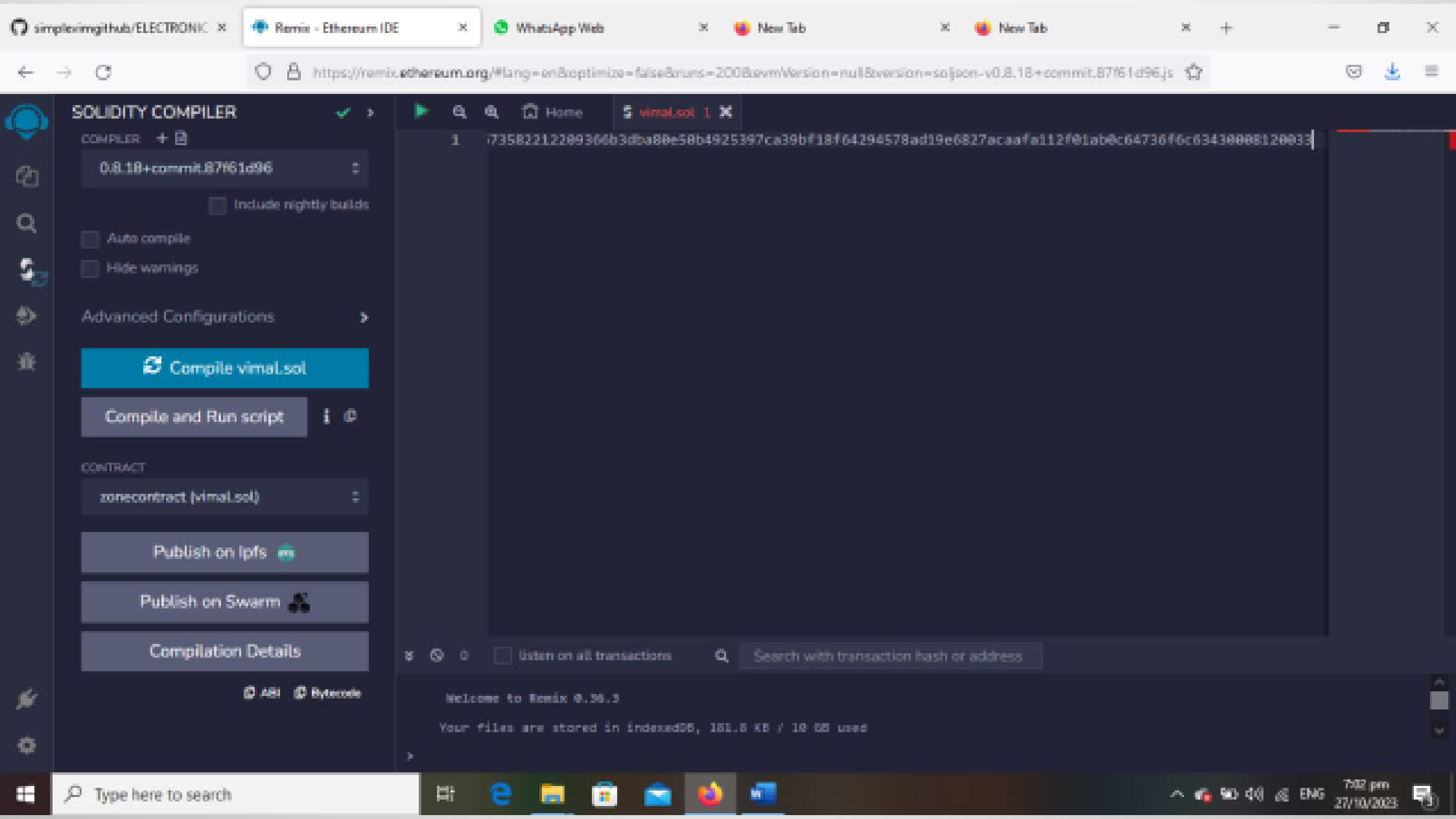
S.YOGASHREE

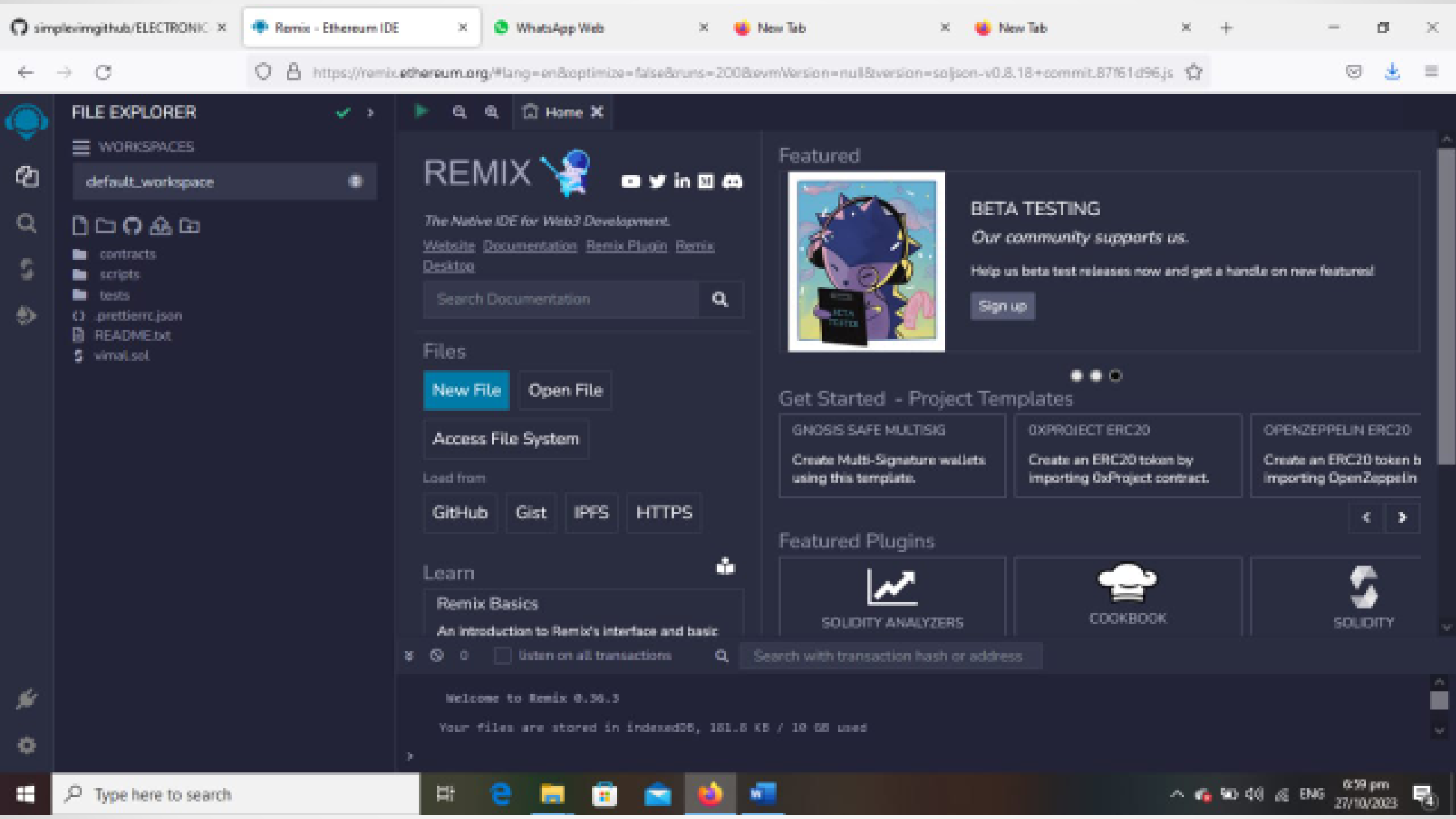
NM ID:DEC740923C4DEOA9A6543CF1891103EC

BLOCK CHAIN

ASSIGNMENT

SRI RAAJA RAAJAN COLLEGE OF ENGINEERING AND TECHNOLOGY


simplevimgithub/ELECTRONIC
Remix - Ethereum IDE
WhatsApp Web
New Tab
New Tab
https://remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js
SOLIDITY COMPILER
COMPILER
0.8.18+commit.87f61d96
Include nightly builds
Auto compile
Hide warnings
Advanced Configurations
Compile vimal.sol
Compile and Run script
CONTRACT
zonecontract (vimal.sol)
Publish on ipfs
Publish on Swarm
Compilation Details
ABI
Bytecode
Home
vimal.sol 1
1
7358221208936b3dba80e58b4925397ca39bf18f64294578ad19e6827acaafa112f01ab0c64736f6c63430008120033
Listen on all transactions
Search with transaction hash or address
Welcome to Remix 0.36.3
Your files are stored in indexedDB, 181.8 KB / 10 GB used
Type here to search
ENG
7:02 pm
27/10/2023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FILE EXPLORER
WORKSPACES
default_workspace
contracts
scripts
tests
.prettierrc.json
README.txt
vimal.sol
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REMIX
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Files
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Create an ERC20 token b importing OpenZeppeln
Featured Plugins
SOLIDITY ANALYZERS
COOKBOOK
SOLIDITY
0
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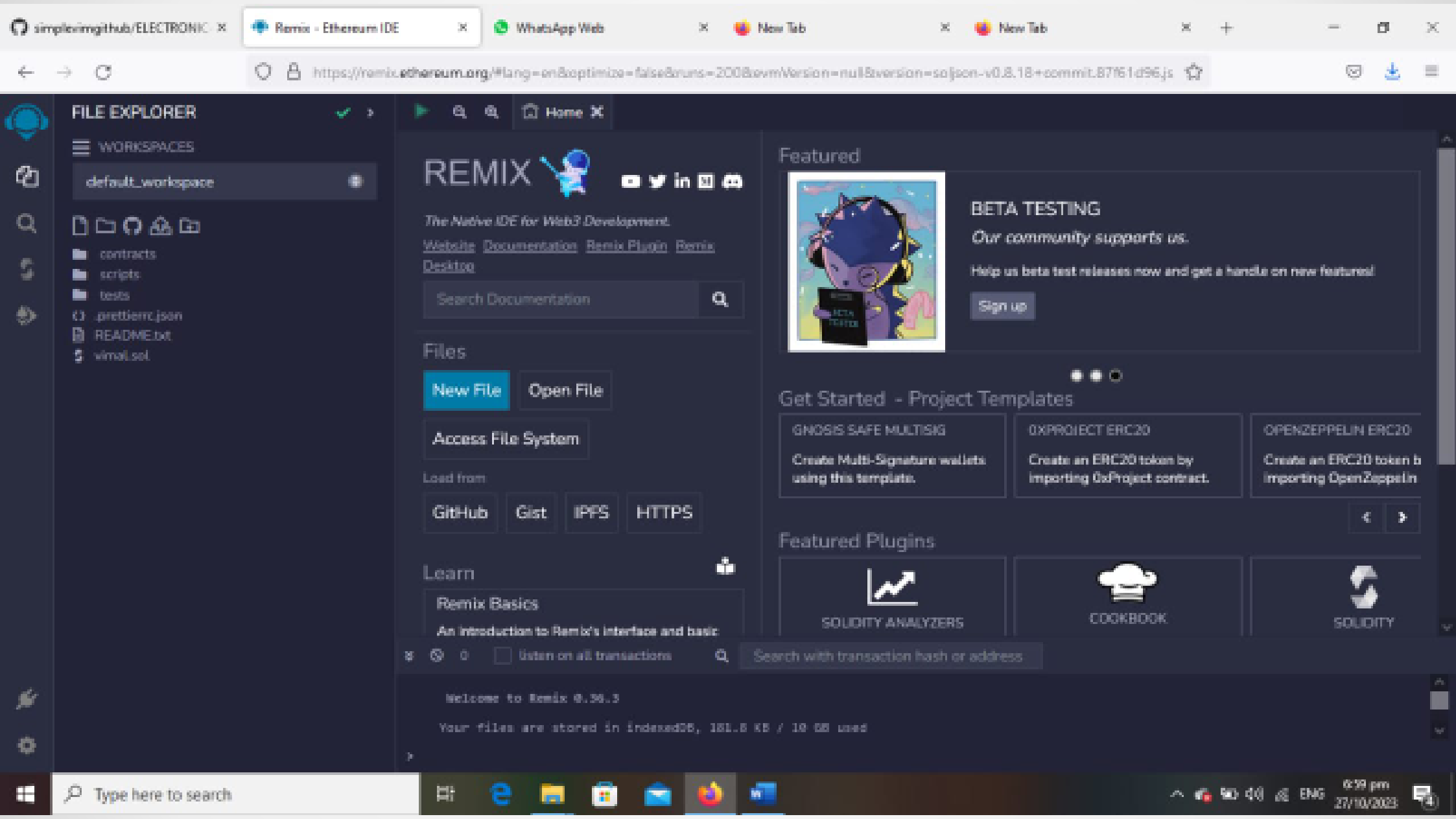
ENG
6:59 pm
27/10/2023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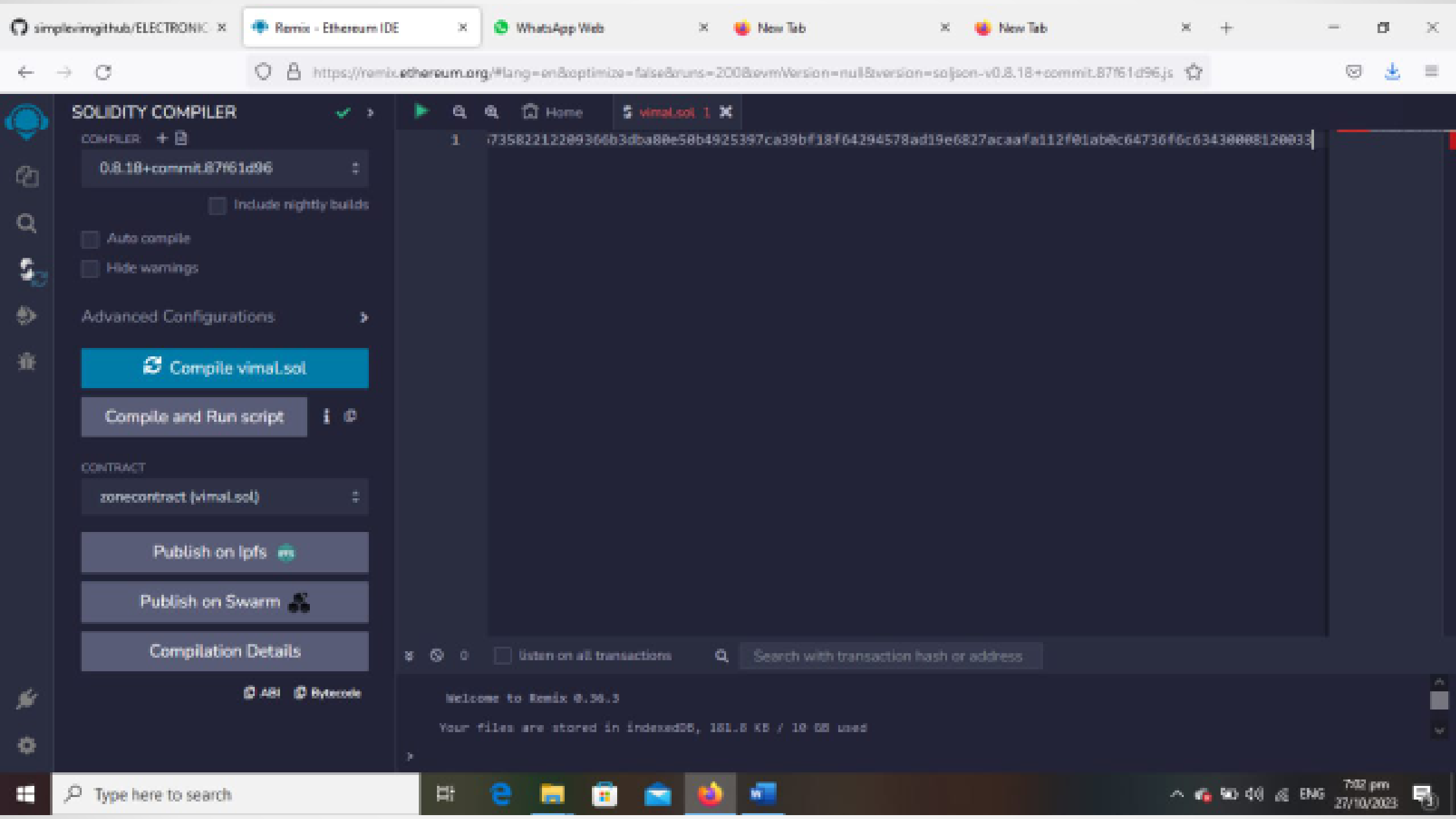
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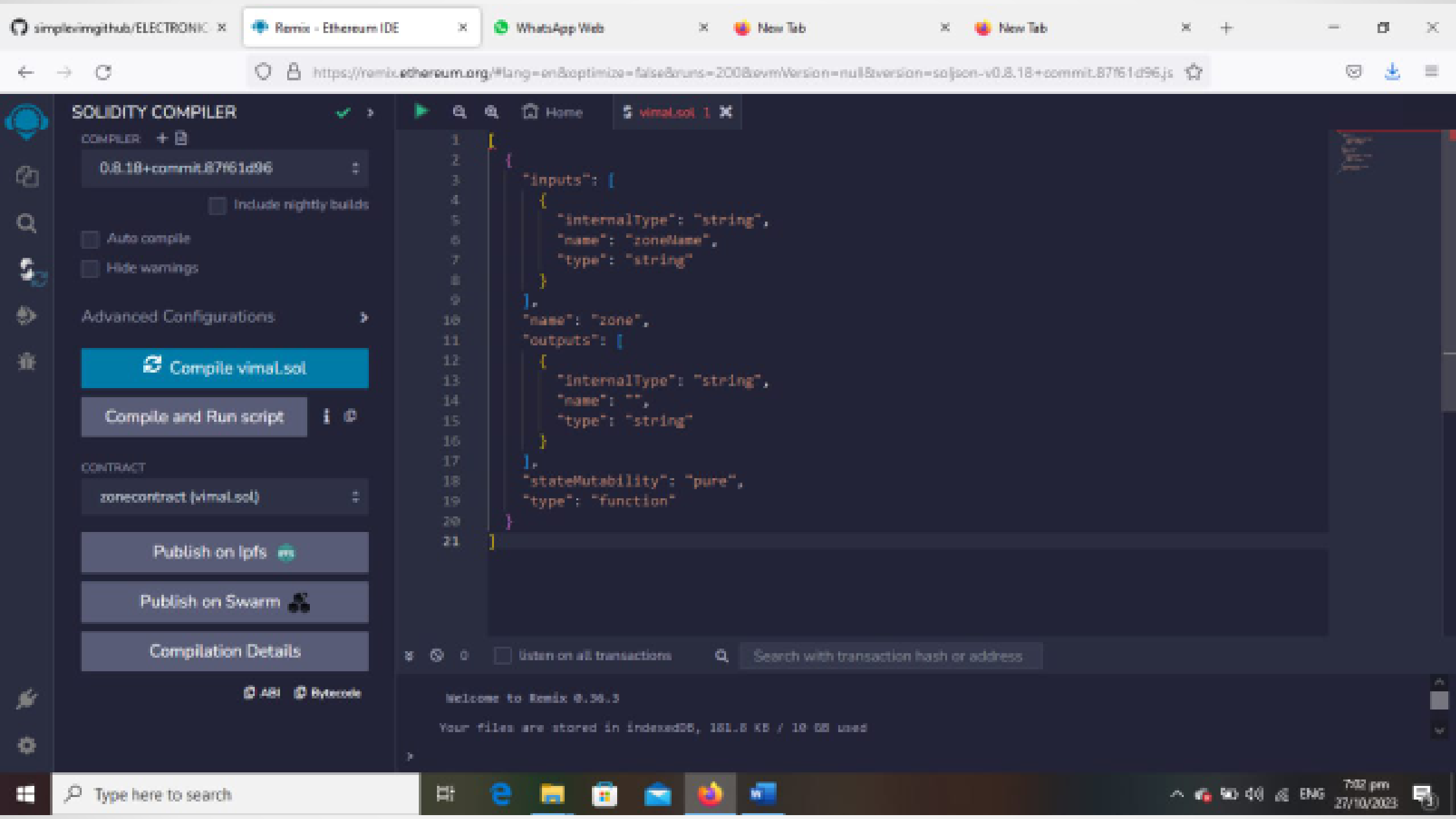
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zonecontract (vimal.sol)
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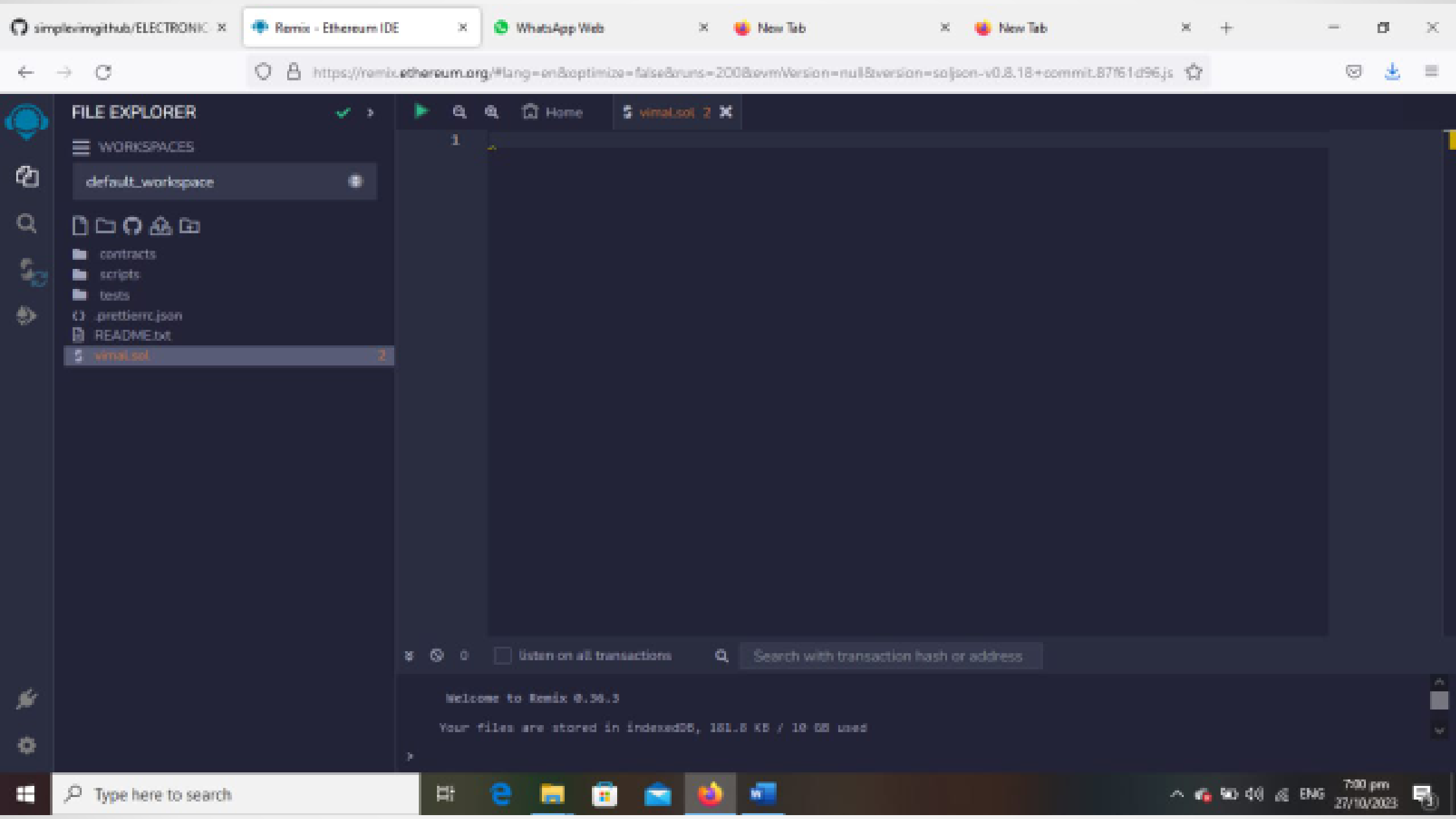
Publish on Swarm
Compilation Details
ABI
Bytecode
Home
vimal.sol 1
[
{
"inputs": [
{
"internalType": "string",
"name": "zoneName",
"type": "string"
}
],
"name": "zone",
"outputs": [
{
"internalType": "string",
"name": "",
"type": "string"
}
],
"stateMutability": "pure",
"type": "function"
}
]
Listen on all transactions
Search with transaction hash or address
Welcome to Remix 0.38.3
Your files are stored in indexedDB, 181.8 KB / 10 GB used
Type here to search
ENG
7:02 pm
27/10/2023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vimal.sol
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vimal.sol 2
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Listen on all transactions
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ENG
7:00 pm
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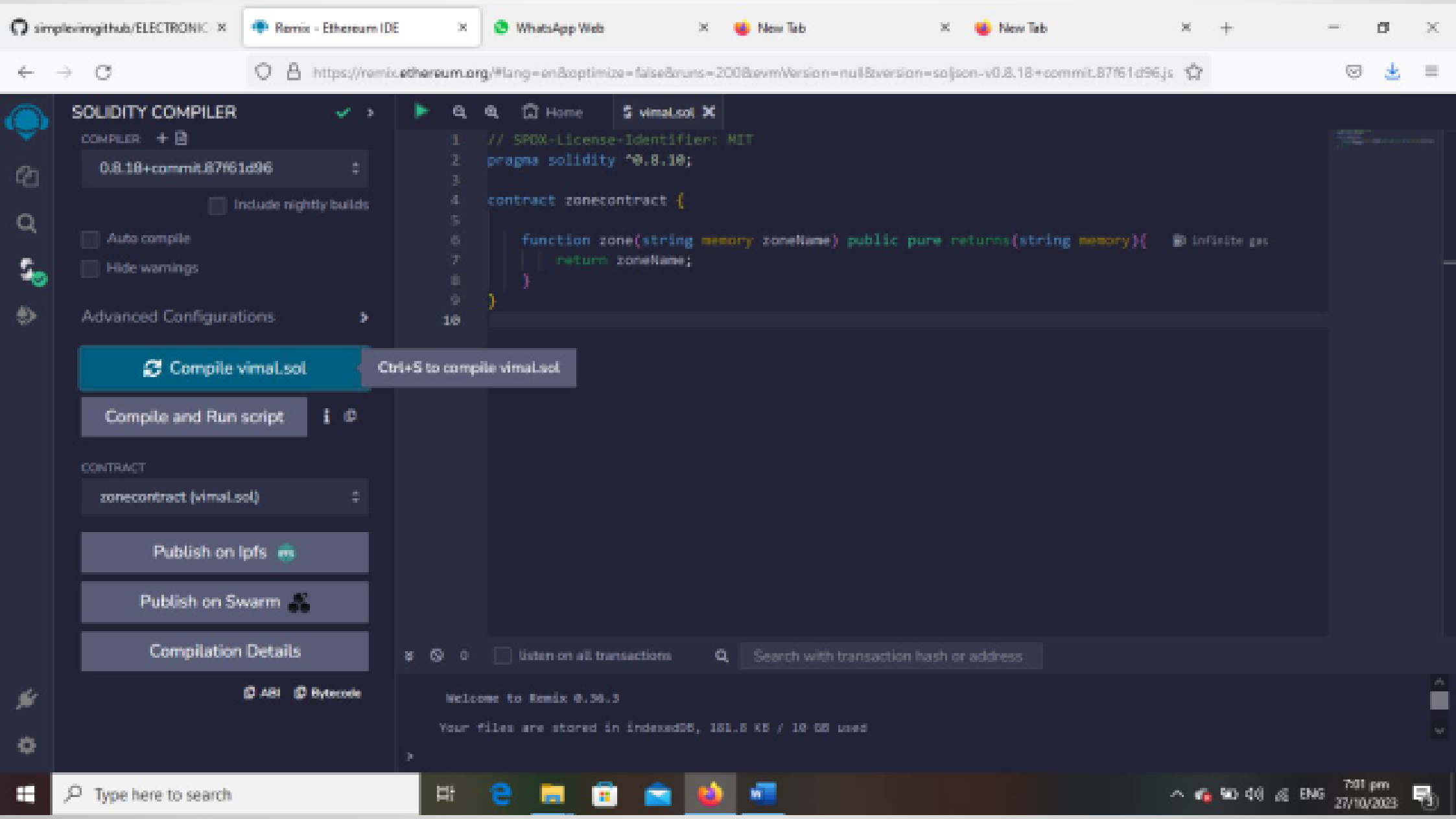
simplevimgithub/ELECTRONIC
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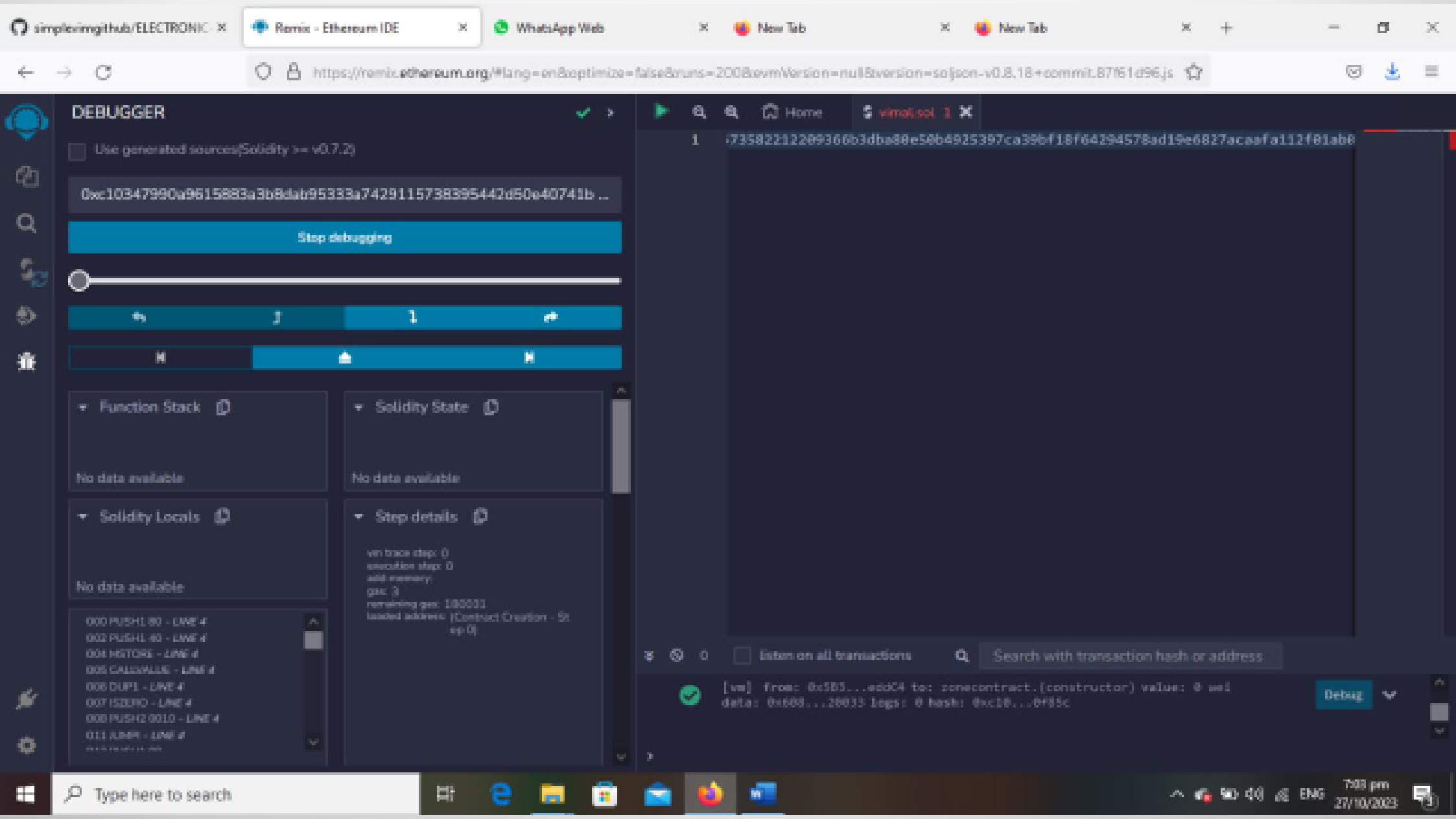
New Tab
New Tab
https://remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js
SOLIDITY COMPILER
COMPILER
0.8.18+commit.87f61d96
Include nightly builds
Auto compile
Hide warnings
Advanced Configurations
Compile vimal.sol
Ctrl+S to compile vimal.sol
Compile and Run script
CONTRACT
zonecontract (vimal.sol)
Publish on ipfs
Publish on Swarm
Compilation Details
ABI
Bytecode
Home
vimal.sol
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.10;
contract zonecontract {
function zone(string memory zoneName) public pure returns(string memory){
infinite gas
return zoneName;
}
}
Listen on all transactions
Search with transaction hash or address
Welcome to Remix 0.38.3
Your files are stored in indexedDB, 181.8 KB / 10 GB used
Type here to search
ENG
7:01 pm
27/10/2023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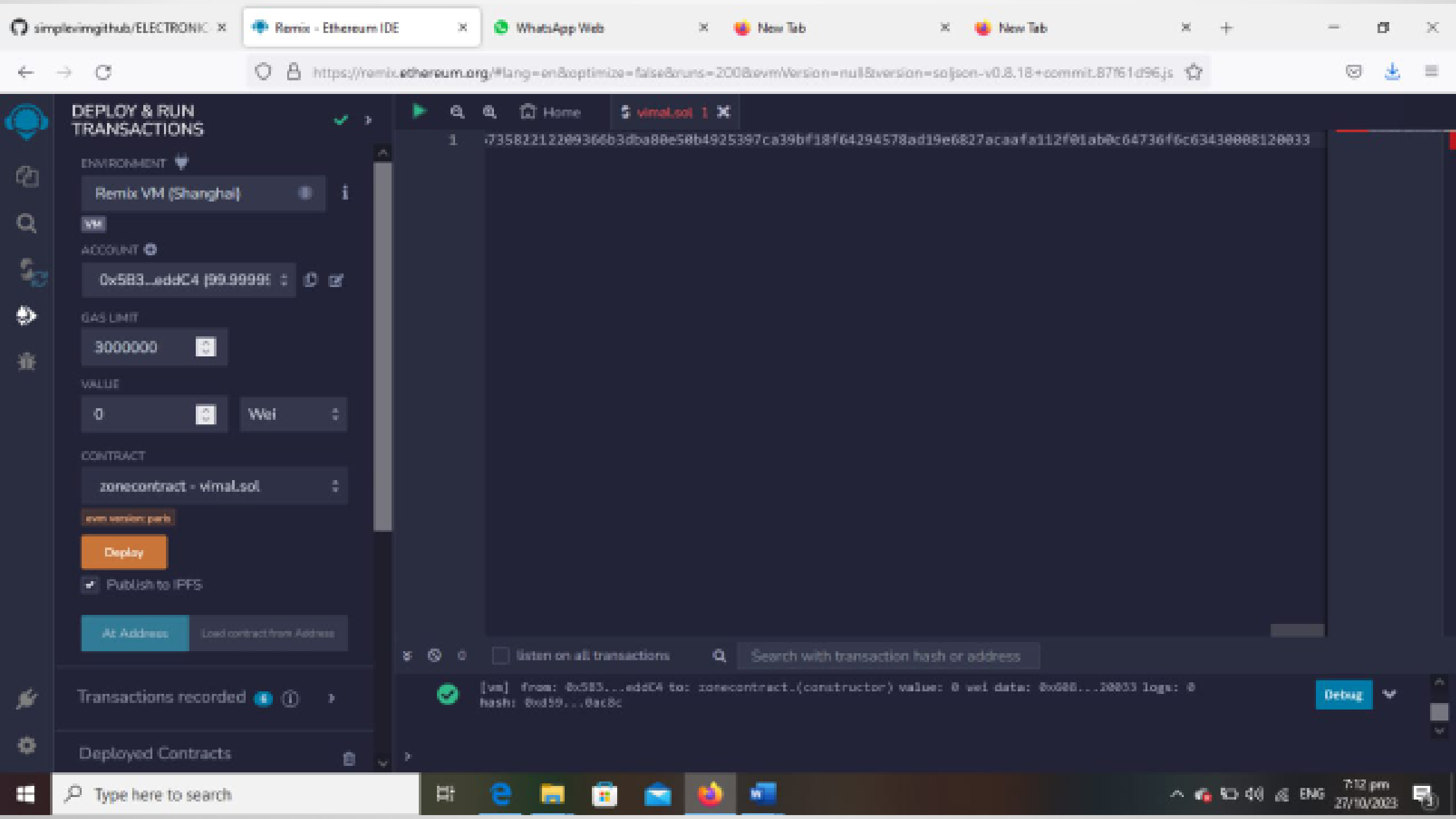
DEBUGGER
Use generated sources(Solidity >= v0.7.2)
0xc10347990a9615883a3b8dab95333a7429115738395442d50e40741b ...
Stop debugging
Function Stack
No data available
Solidity State
No data available
Solidity Locals
No data available
Step details
vm trace step: 0
execution step: 0
add memory:
gas: 3
remaining gas: 180031
loaded address: (Contract Creation - St
ep 0)
000 PUSH1 80 - LINE 4
002 PUSH1 40 - LINE 4
004 MSTORE - LINE 4
005 CALLVALUE - LINE 4
006 DUP1 - LINE 4
007 ISZERO - LINE 4
008 PUSH2 0010 - LINE 4
011 JUMPI - LINE 4
Home
vimal.sol 1
1
7358221220936 6b3dba88e50b4925397ca39bf18f64294578ad19e6827acaafa112f81ab0
0
Listen on all transactions
Search with transaction hash or address
[vm] from: 0x5B3...eddC4 to: zonecontract.[constructor] value: 0 wei
data: 0x608...20033 logs: 0 hash: 0xc10...0f85c
Debug
Type here to search
ENG
7:03 pm
27/10/2023


simplevimgithub/ELECTRONIC
Remix - Ethereum IDE
WhatsApp Web
New Tab
New Tab
https://remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js
DEPLOY & RUN TRANSACTIONS
ENVIRONMENT
Remix VM (Shanghai)
VM
ACCOUNT
0x583...eddC4 (99.9999
GAS LIMIT
3000000
VALUE
0
Wei
CONTRACT
zonecontract - vimal.sol
evm version: paris
Deploy
Publish to IPFS
At Address
Load contract from Address
Transactions recorded
Deployed Contracts
Home
vimal.sol
1 7358212200366b3dba80e50b4925397ca39bf18f64294578ad19e6827acaafa112f01ab0c64736f6c63430008120033
listen on all transactions
Search with transaction hash or address
[vm] from: 0x583...eddC4 to: zonecontract.(constructor) value: 0 wei data: 0x608...20033 logs: 0
hash: 0xd59...0ac8c
Debug
Type here to search
ENG
7:12 pm
27/10/2023

THANK YOU