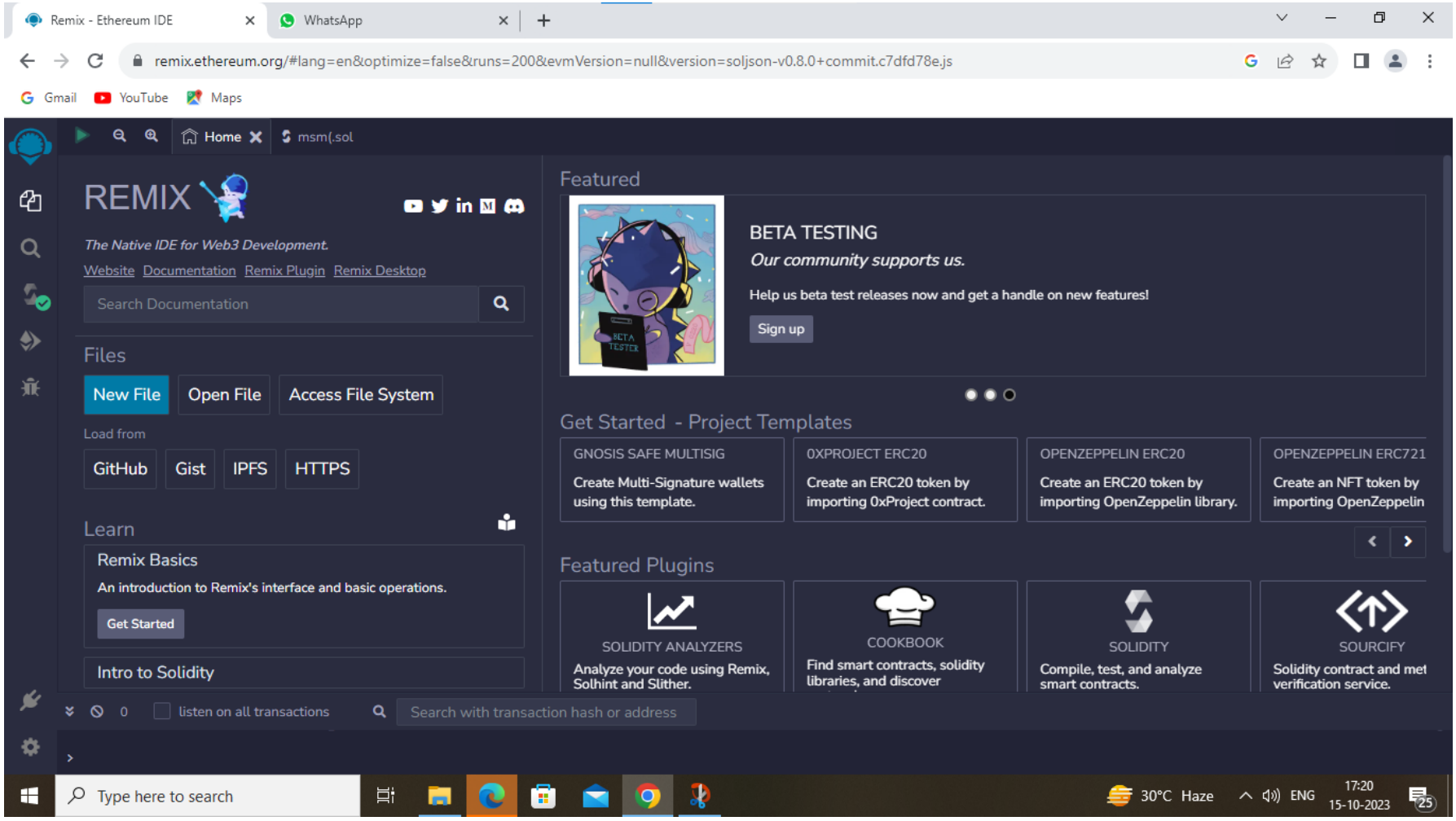
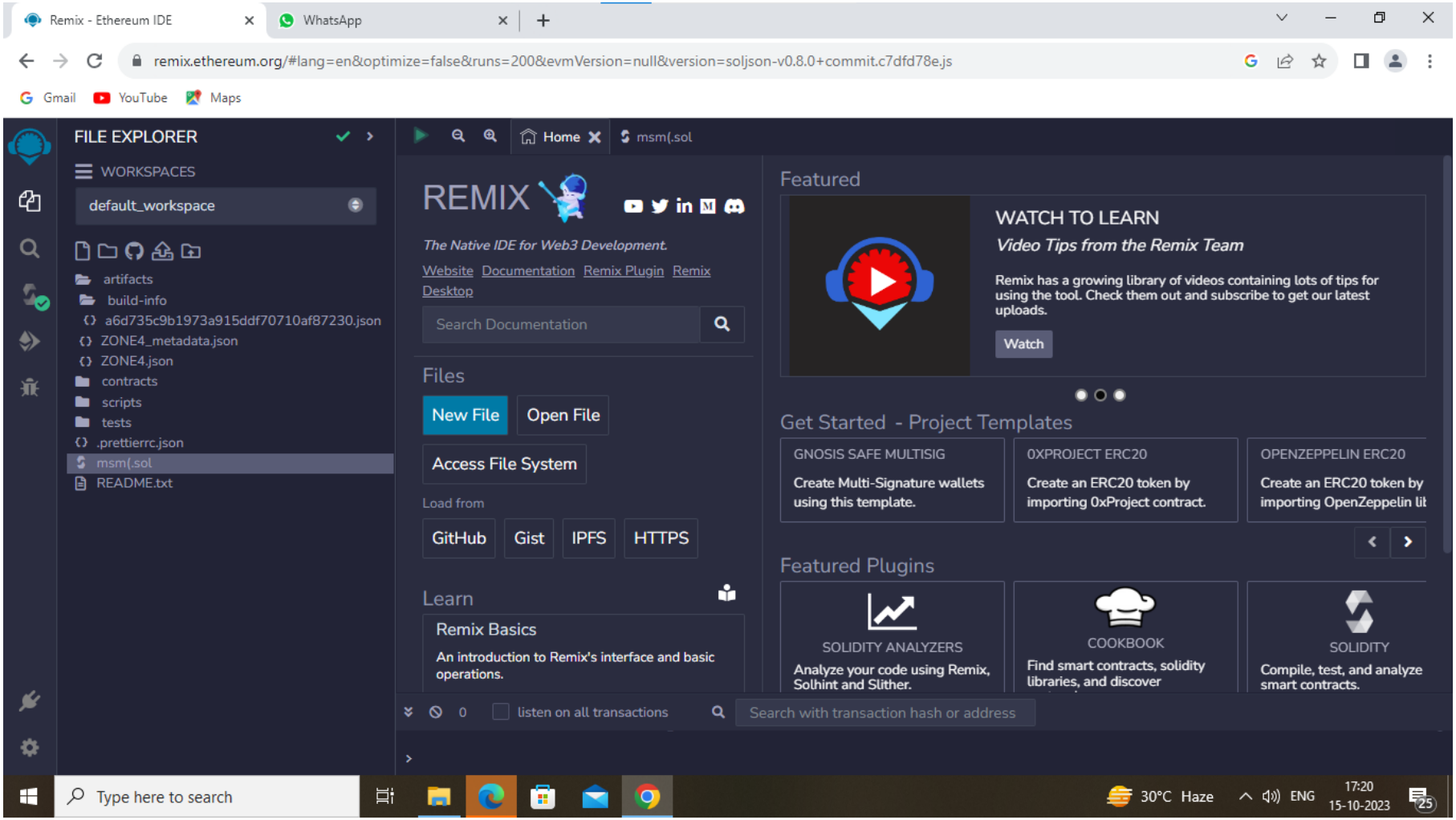
ASSIGNMENT 1

NAME	P.SANDHYA
ZONE	4
COLLEGE	GKM COLLEGE OF ENGINEERING AND TECHNOLOGY

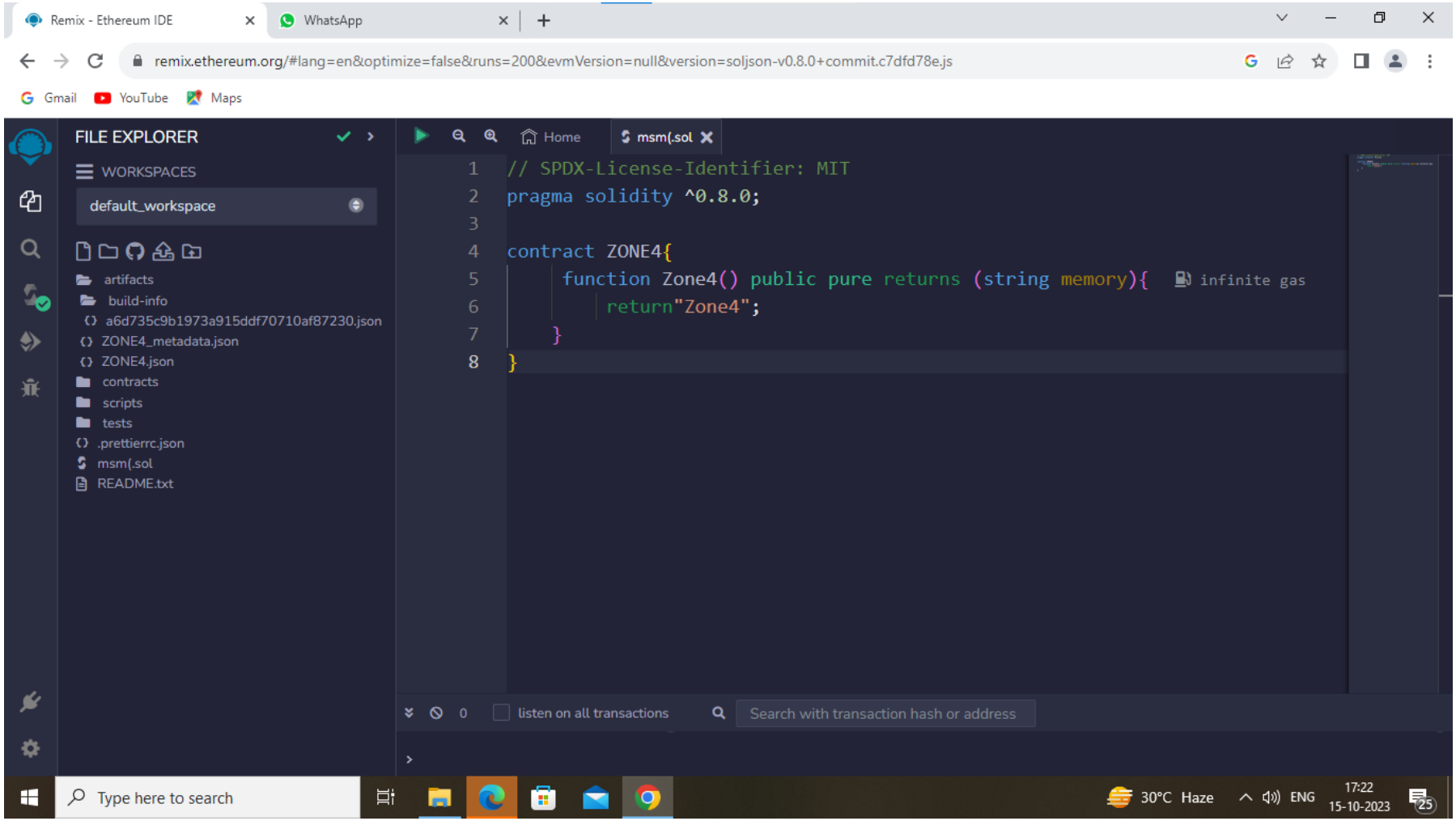
1. GO TO THE CHROME ATFORM OPEN REMIX PLARTF

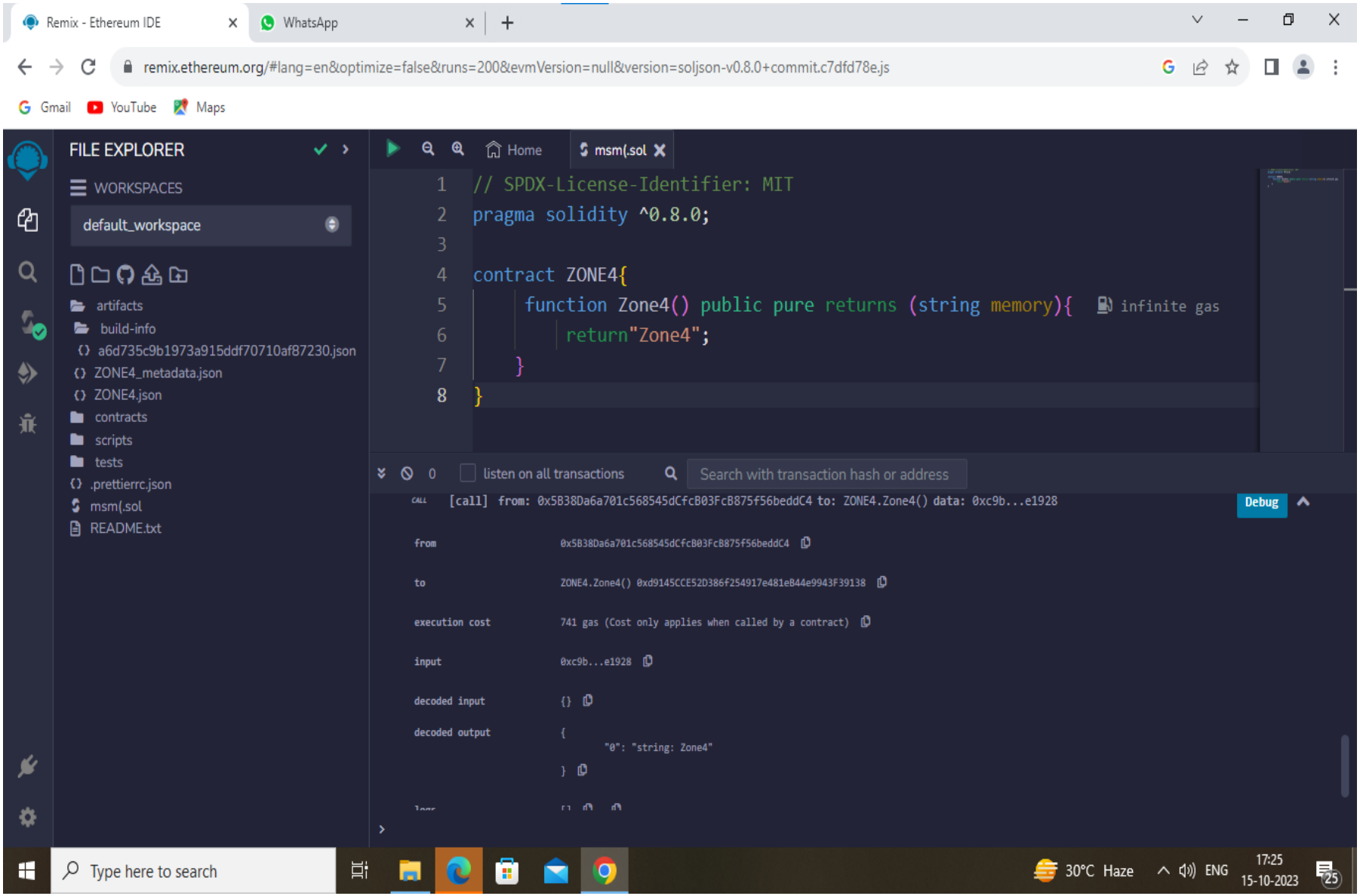


2. OPEN THE REMIX PAGE AND CREATE A NEW FILE



3.IN THE NEWLY CREATED FILE, CREATE A PROGARM TO RETURN YOUR STRING, “ZONE NAME”




Remix - Ethereum IDE
WhatsApp
remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.0+commit.c7dfd78e.js
Gmail
YouTube
Maps
FILE EXPLORER
WORKSPACES
default_workspace
artifacts
build-info
a6d735c9b1973a915ddf70710af87230.json
ZONE4_metadata.json
ZONE4.json
contracts
scripts
tests
.prettierrc.json
msm(.sol
README.txt
Home
msm(.sol
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract ZONE4{
5 function Zone4() public pure returns (string memory){ infinite gas
6 return"Zone4";
7 }
8 }
0
listen on all transactions
Search with transaction hash or address
[call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: ZONE4.Zone4() data: 0xc9b...e1928
Debug
from 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4
to ZONE4.Zone4() 0xd9145CCE52D386f254917e481eB44e9943F39138
execution cost 741 gas (Cost only applies when called by a contract)
input 0xc9b...e1928
decoded input {}
decoded output {
"0": "string: Zone4"
}
Type here to search
30°C Haze
ENG
17:25
15-10-2023

4. SAVE THE PROGRAM AND COMPILE IT TO GET THE ABI AND BYTECODE

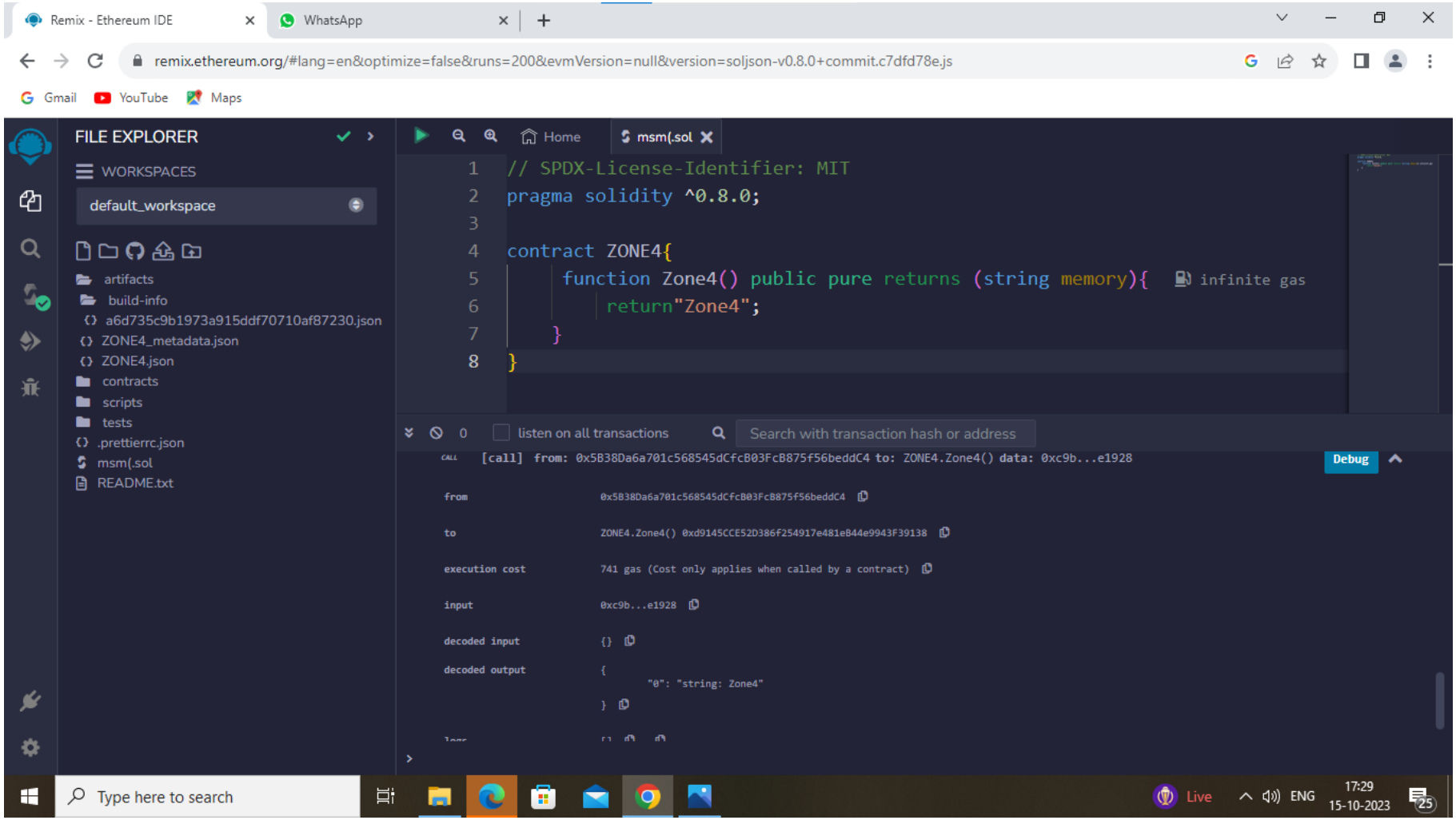
ABI

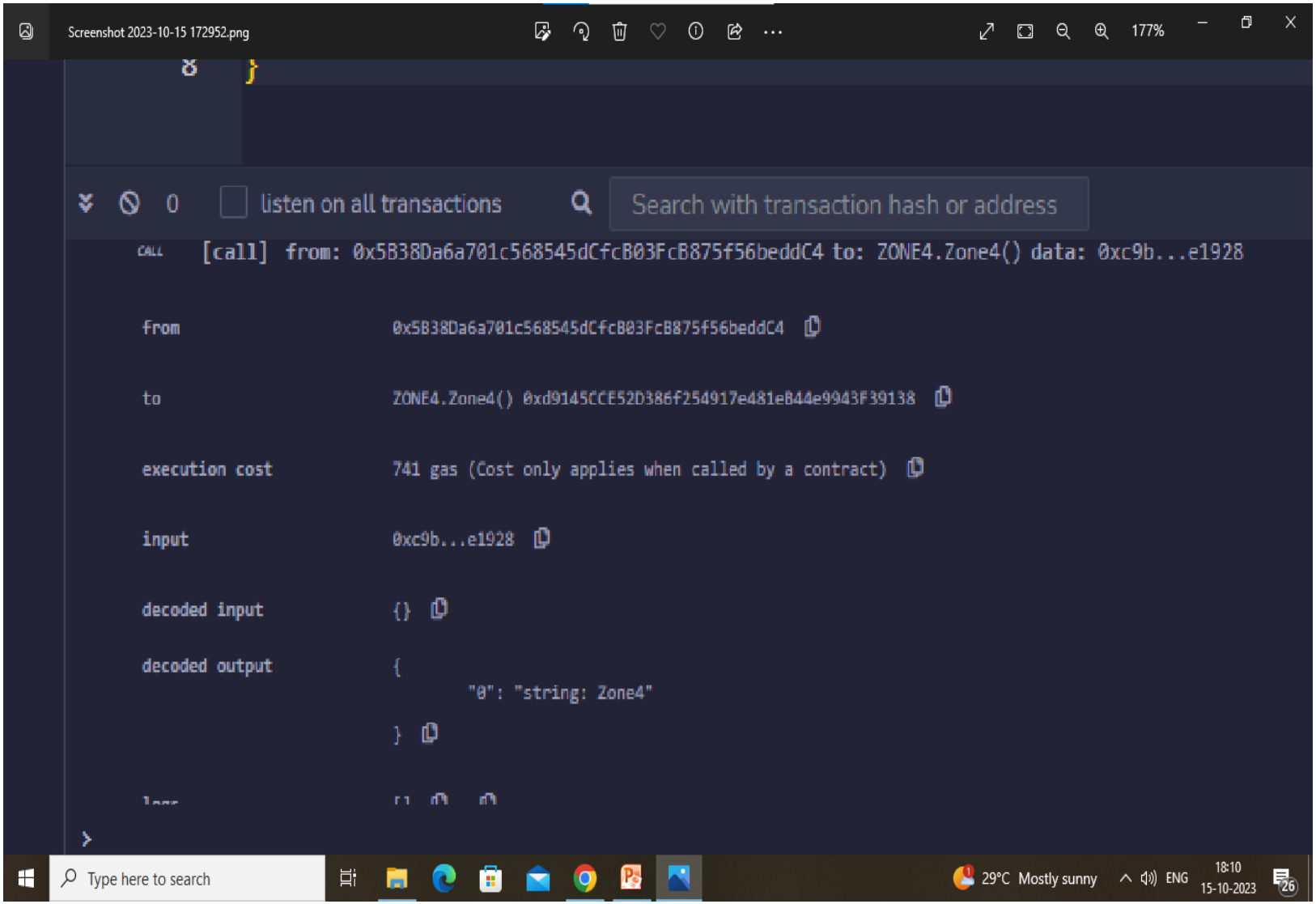

```
[
  {
    "inputs": [],
    "name": "Zone4",
    "outputs": [
      {
        "internalType": "string",
        "name": "",
        "type": "string"
      }
    ],
    "stateMutability": "pure",
    "type": "function"
  }
]
```

BYTECODE

608060405234801561001057600080fd5b5061017c806100206000396
000f3fe608060405234801561001057600080fd5b506004361061002b5
760003560e01c8063c9be192814610030575b600080fd5b6100386100
4e565b6040516100459190610 0c4565b60405180910390f35b6060604
0518060400160405280600581526020017f5a6f6e6534000000000000
00000000000000000000000000000000000000000081525090509056
5b6000610096826100e6565b6100a081856100f1565b93506100b0818
56020860161010256 5b6100b981610135565b840191505092915050 5
65b6000602082019050818103600083015261 00de818461008b565b9
05092915050565b6000815190509190505 65b6000828252602082019
05092915050565b60005b838110156101205780820151818401526 02
0810190506101055 65b838111156101 2f576000848401525b50505050
565b6000601f19601f8301169050919050 56fea2646970667358221220
9f1f861fcf66d913a9cdbb6ea4738784cf8723ef59258eb10998f376ae76
458d64736f6c63430008000033

5. FINALLY DEPLOY IT TO DISPLAY THE OUTPUT




Screenshot 2023-10-15 172952.png
177%
}
0
listen on all transactions
Search with transaction hash or address
CALL [call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: ZONE4.Zone4() data: 0xc9b...e1928
from 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4
to ZONE4.Zone4() 0xd9145CCE52D386f254917e481eB44e9943F39138
execution cost 741 gas (Cost only applies when called by a contract)
input 0xc9b...e1928
decoded input {}
decoded output {
"0": "string: Zone4"
}
Type here to search
29°C Mostly sunny
ENG
18:10
15-10-2023