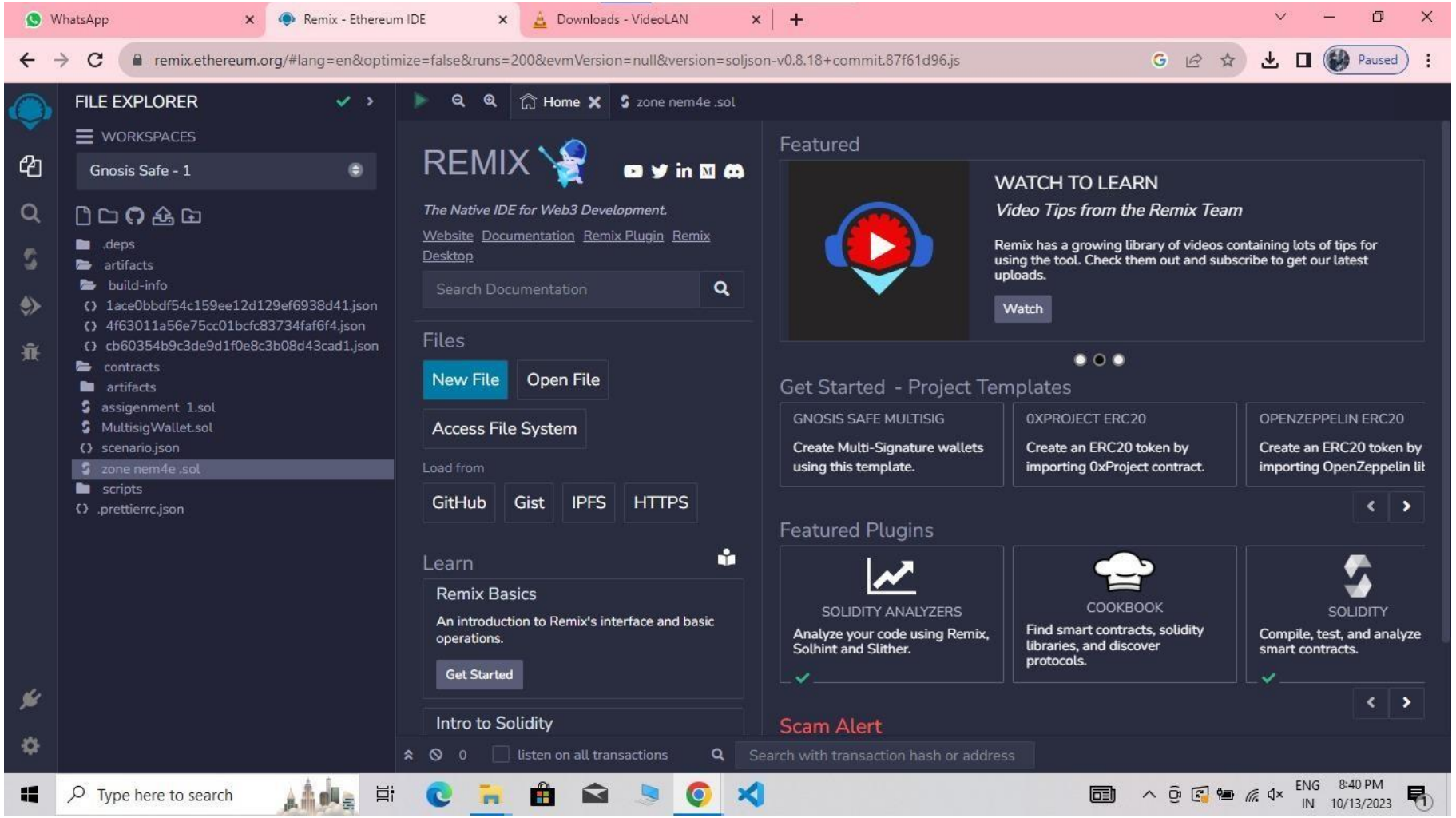
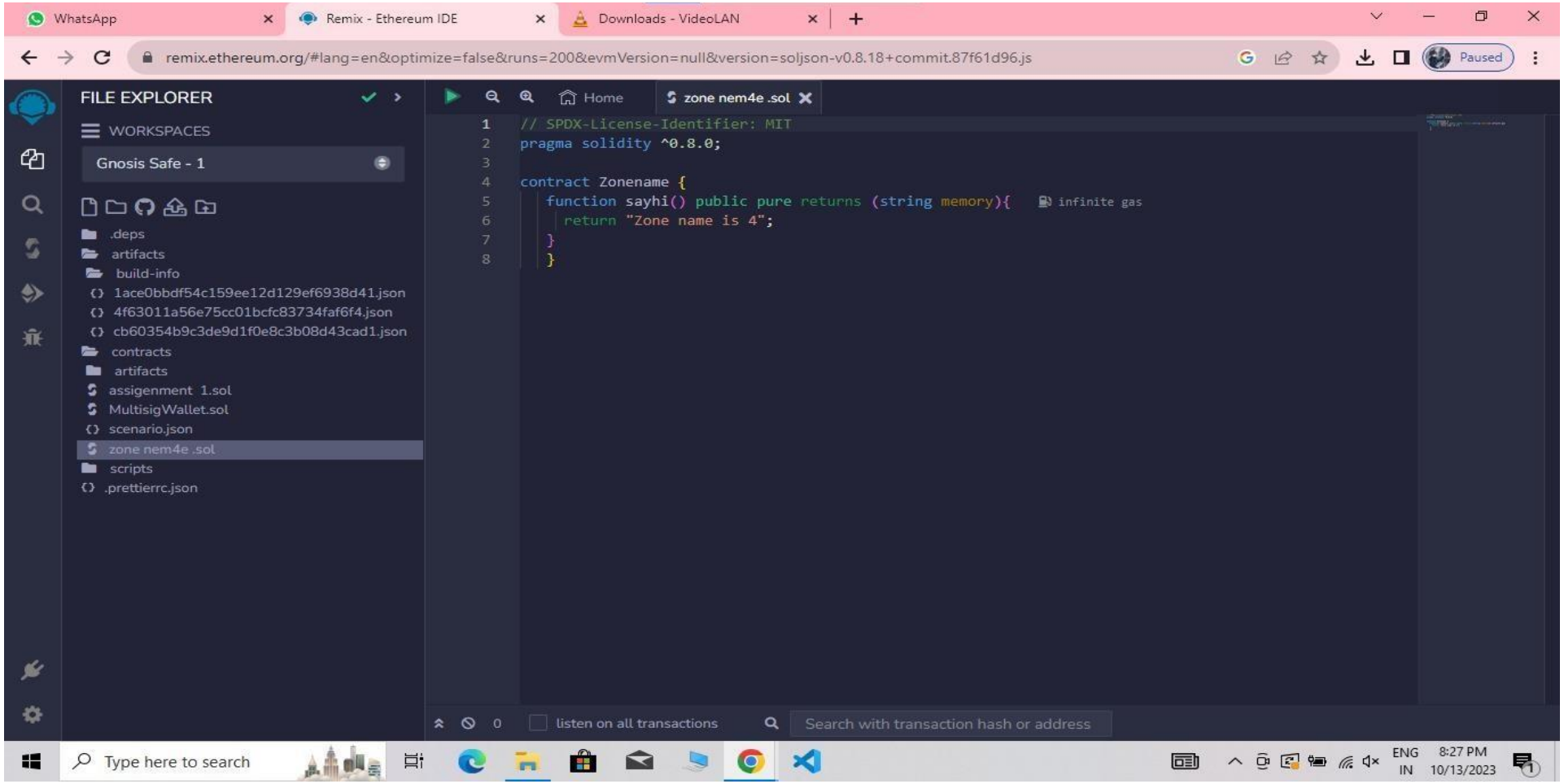
Assignment 1

Name	Kirubharathi R
ZONE	4
COLLAGE	GKM COLLAGE OF ENGINEERING AND TECHNOLOGY

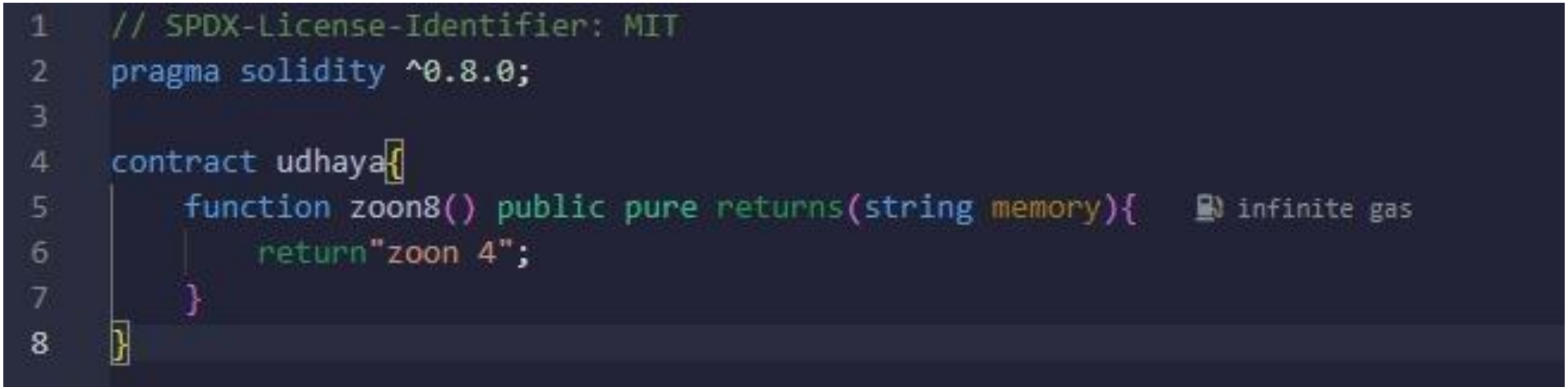
1. GO TO THE CHROME ATFORM OPEN REMIX PLARTF

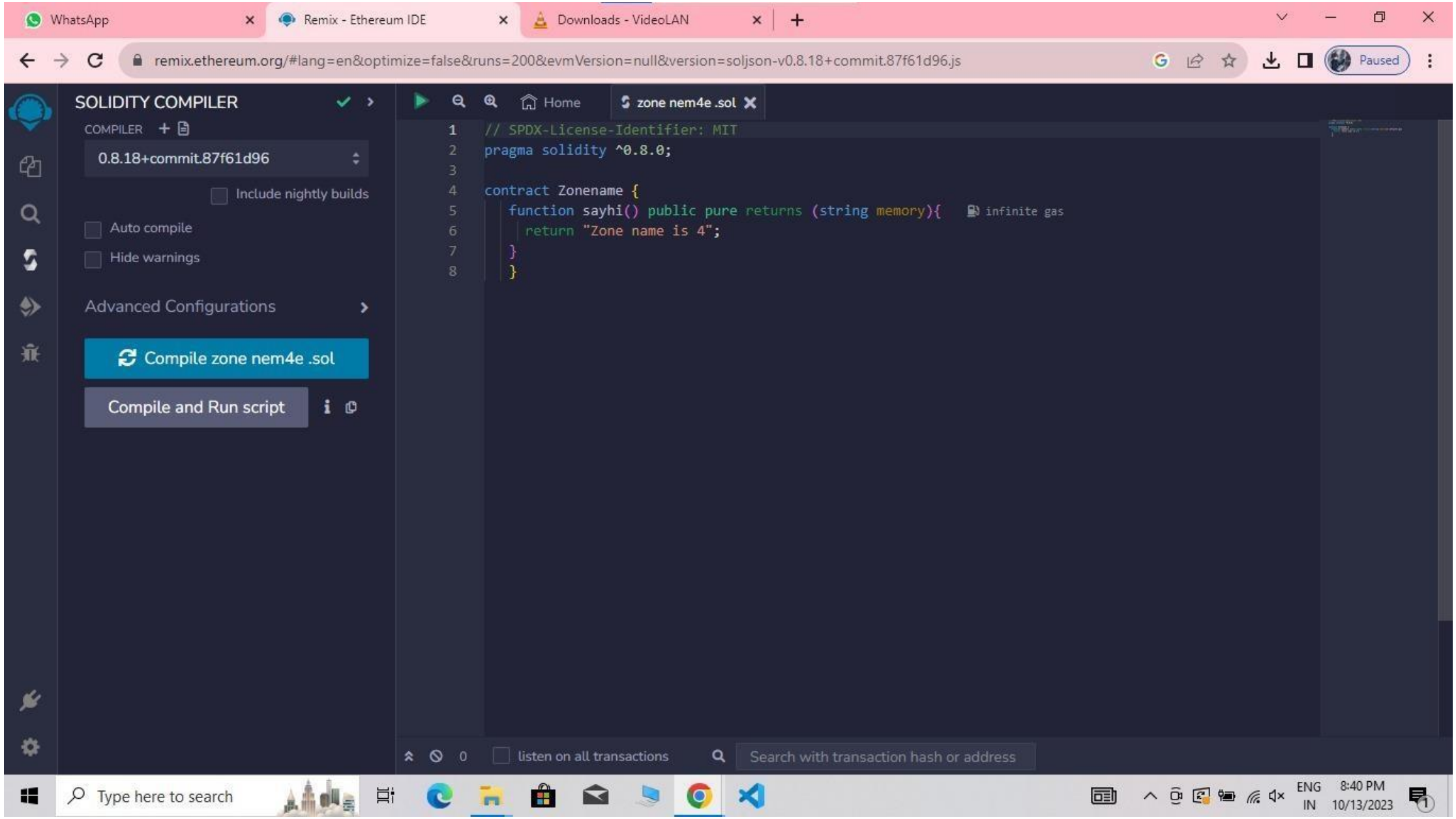


2. OPEN THE REMIX PAGE AND CRRATE A NEW FILE



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




WhatsApp
Remix - Ethereum IDE
Downloads - VideoLAN
remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js
Paused
SOLIDITY COMPILER
COMPILER
0.8.18+commit.87f61d96
Include nightly builds
Auto compile
Hide warnings
Advanced Configurations
Compile zone nem4e .sol
Compile and Run script
Home
zone nem4e .sol
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract Zonename {
function sayhi() public pure returns (string memory){
infinite gas
return "Zone name is 4";
}
}
0
listen on all transactions
Search with transaction hash or address
Type here to search
ENG
IN
8:40 PM
10/13/2023

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

ABI


```
[
 {
  "inputs": [],
  "name": "zoon8",
  "outputs": [
   {
    "internalType": "string",
    "name": "",
    "type": "string"
   }
  ],
  "stateMutability": "pure",
  "type": "function"
 }
]
```

BYTECODE

- 6080604052348015610010576000080fd5b5061017c80610020600039600f
  3fe6080604052348015610010576000080fd5b506004361061002b57600035
  60e01c8063cc5ba50214610030575b600080fd5b61003861004e565b60405
  161004591906100c4565b604051809103390f35b6060604051806040016040
  528060068152602001f7a6f6f6e203400000000000000000000000000000
  000000000000000000000815250905090565b60006100968261006e6565
  b6100a081856100f1565b93506100b0818560208601610102565b6100b98
  1610135565b840191505092915050565b60006020820190508181036000
  8301526100de818461008b565b905092915050565b60008151905090505
  65b60008282526020820190509291505056 5b60005b838110156101205
  78082015181840152602081019050610105565b838111156101f576000848

401525b50505050565b6000601f19601f830116905091905056fea2646970
6673582212200850 89e332d62507ca33383d37797b280ce259872f78a90e5
969d81ffa92941064736f6c63430008000033

5. FINALLY DEPLIOY IT TO DISPLAY THE OUTPUT