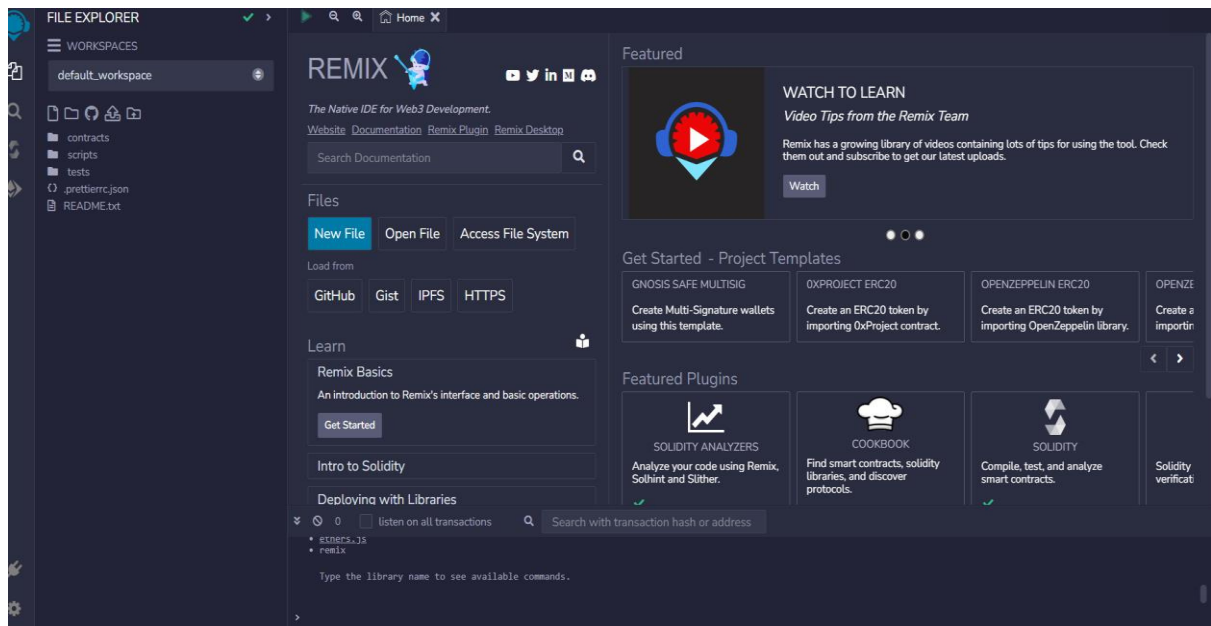
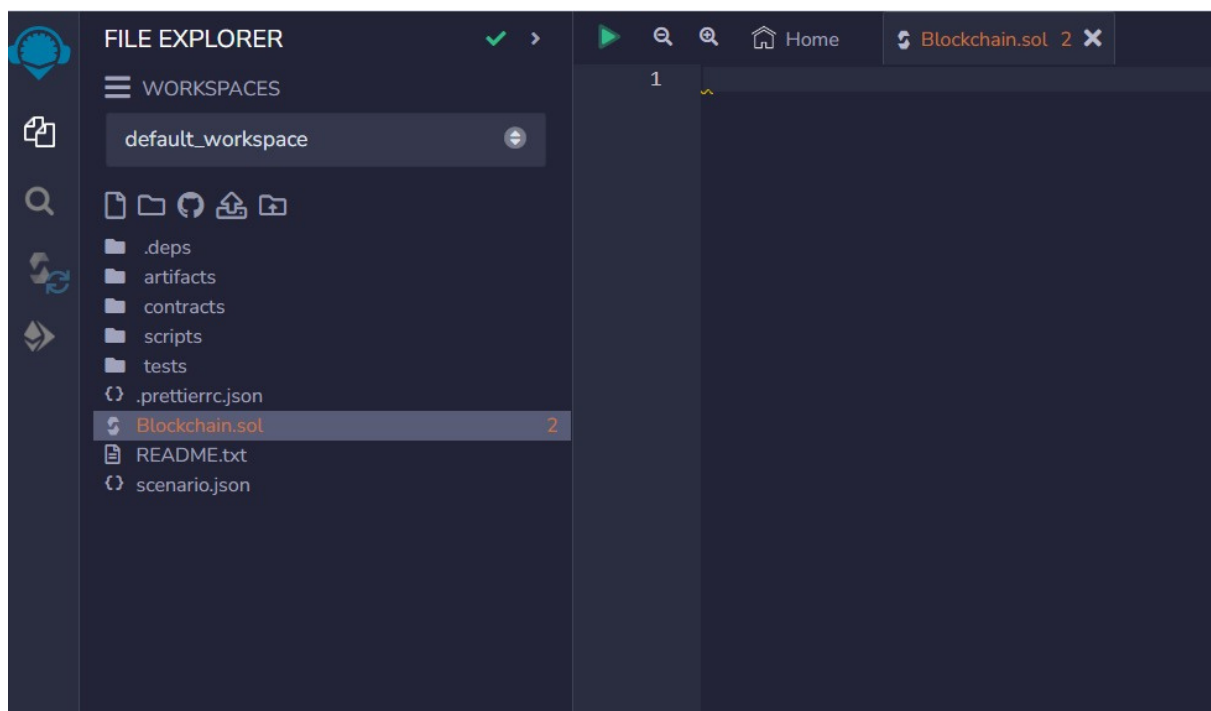


# BLOCKCHAIN ASSIGNMENT 1

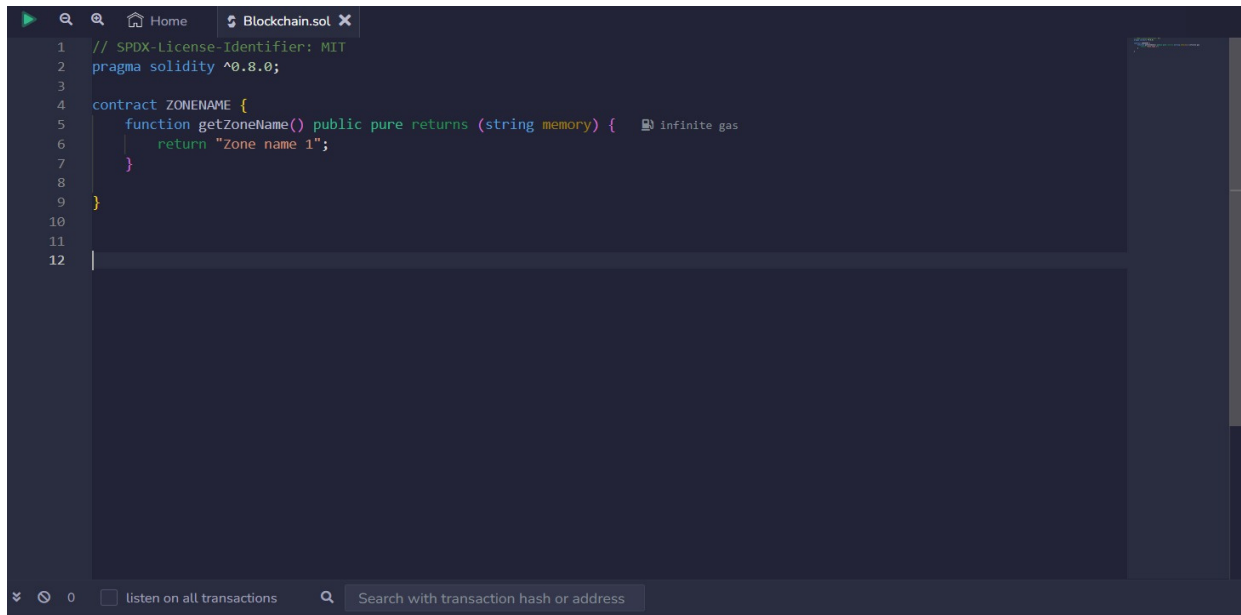
1. OPEN CHROME AND GO TO REMIX PLATFORM.



2. OPEN REMIX PAGE AND CREATE NEW FILE.



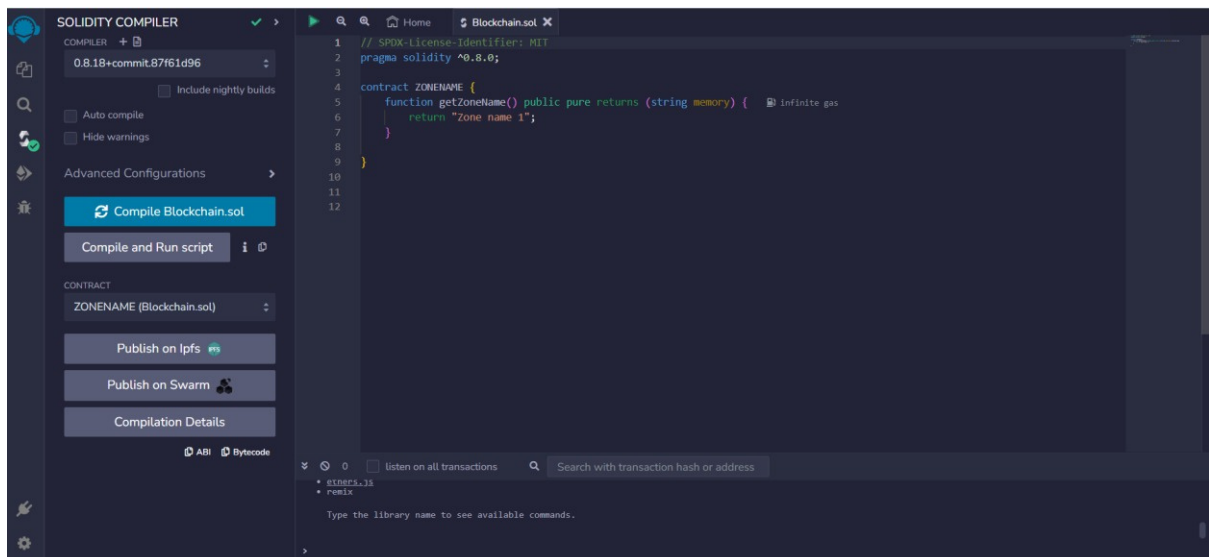
3. IN THAT NEWLY CREATED FILE, CREATE A PROGRAM TO RETURN THE STRING “ZONE NAME 1”



```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract ZONENAME {
5     function getZoneName() public pure returns (string memory) {
6         return "Zone name 1";
7     }
8 }
9
10
11
12
```

The screenshot shows a code editor with a file named 'Blockchain.sol'. The code defines a Solidity contract named 'ZONENAME' with a public pure function 'getZoneName()' that returns the string 'Zone name 1'. The editor has a dark theme and a sidebar on the right.

4. SAVE AND COMPILE THE PROGRAM TO GET ABI AND BYTE CODE.



The screenshot shows the Solidity Compiler interface. On the left, there is a sidebar with the 'SOLIDITY COMPILER' section. It includes a dropdown for the compiler version (0.8.18+commit.87f61d96), checkboxes for 'Auto compile' and 'Hide warnings', and a section for 'Advanced Configurations'. Below these are buttons for 'Compile Blockchain.sol', 'Compile and Run script', 'Publish on Ipfs', 'Publish on Swarm', and 'Compilation Details'. The main area on the right shows the same Solidity code as the previous screenshot. At the bottom, there is a search bar and a list of libraries (e.g., ethers.js, remix) with a prompt to 'Type the library name to see available commands.'

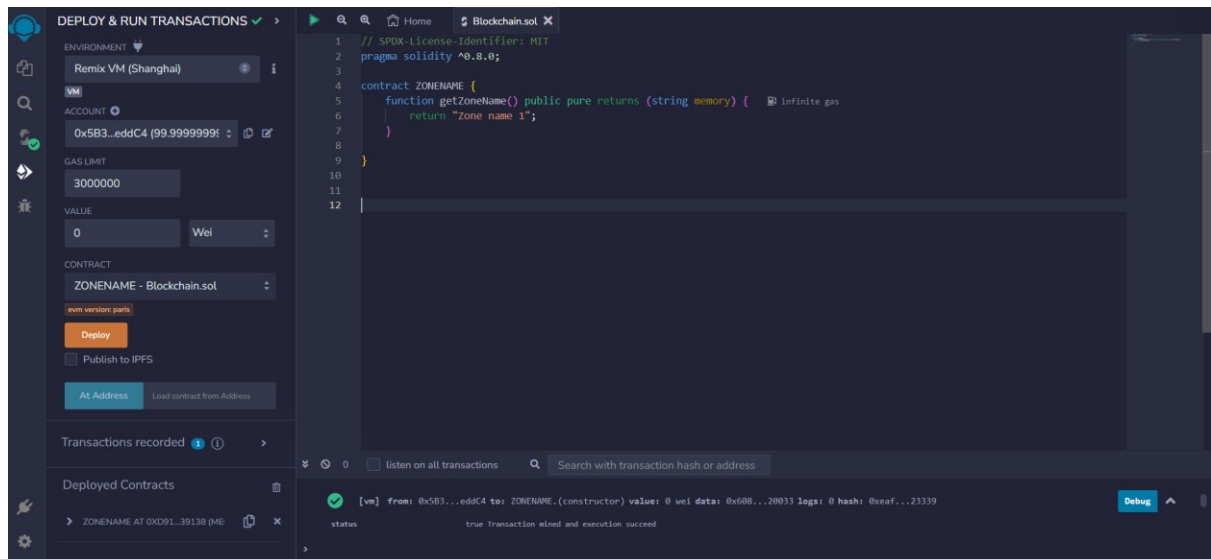
## ABI CODE

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

## BYTE CODE

```
608060405234801561001057600080fd5b5061017380610020600039
6000f3fe6
08060405234801561001057600080fd5b506004361061002b576000
3560e01c8
063235ed70f14610030575b600080fd5b61003861004e565b6040516
10045919
061011b565b60405180910390f35b606060405180604001604052806
00b81526
020017f5a6f6e65206e616d652031000000000000000000000000
000000000000
0000000815250905090565b600081519050919050565b60008282526
020820190
5092915050565b60005b838110156100c5578082015181840152602081
019050
6100aa565b60008484015250505050565b6000601f19601f830116905
0919050
565b60006100ed8261008b565b6100f78185610096565b9350610107
81856020
86016100a7565b610110816100d1565b840191505092915050565b6000
602082
019050818103600083015261013581846100e2565b90509291505056fe
a26469
70667358221220c544eac32925627bfc0200d79a71ffe02996ee1aa0b
8b2a3253 02121aaaa7bfl64736f6c63430008120033
```

## 5.DEPLOY AND DISPLAY THE OUTPUT.



NAME : R RAGHUL

NM ID : au511520106007

COLLEGE / CODE : P.T.LEE.CNCET-5115

