

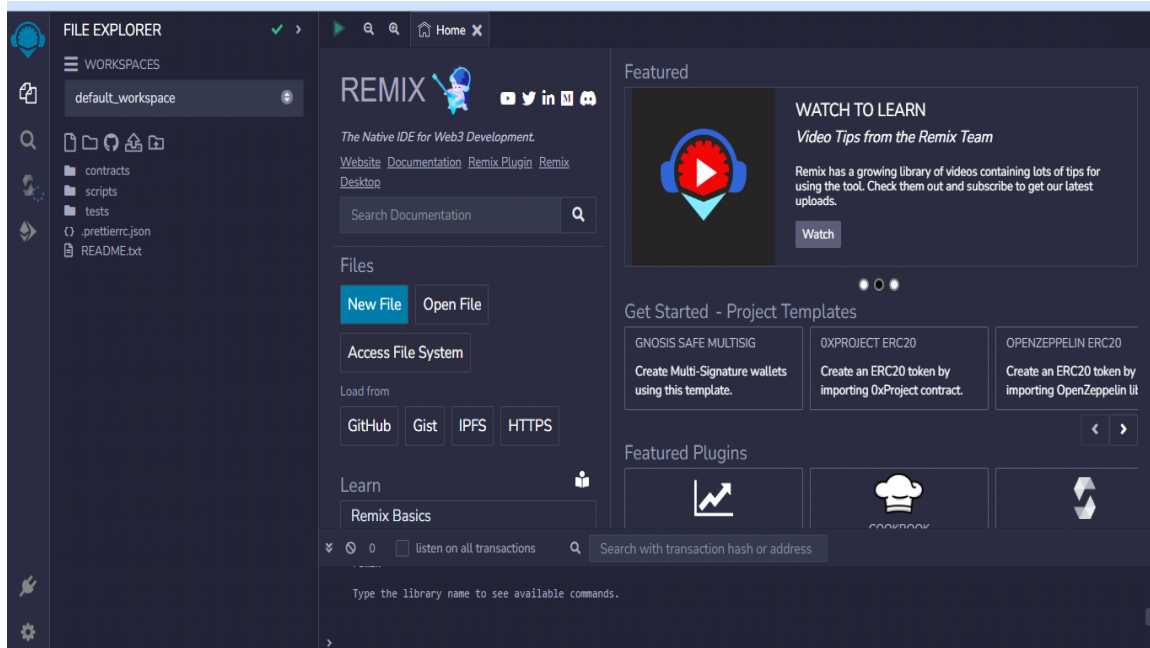
NM Assignment 1

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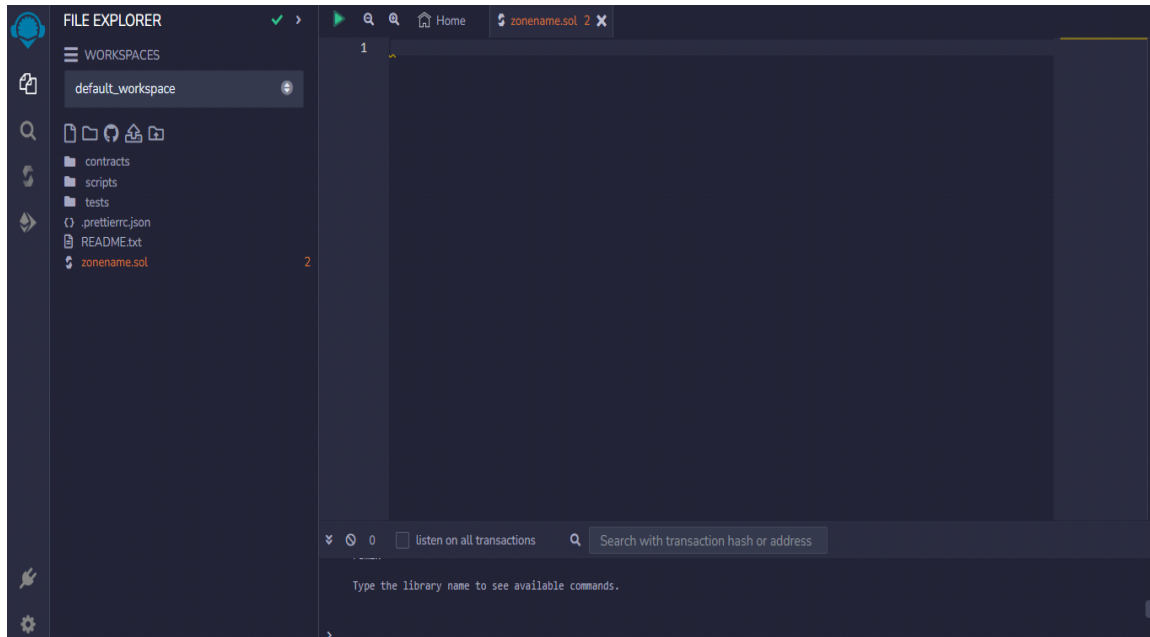
REG.NO : 921020104014

DOMAIN : Blockchain

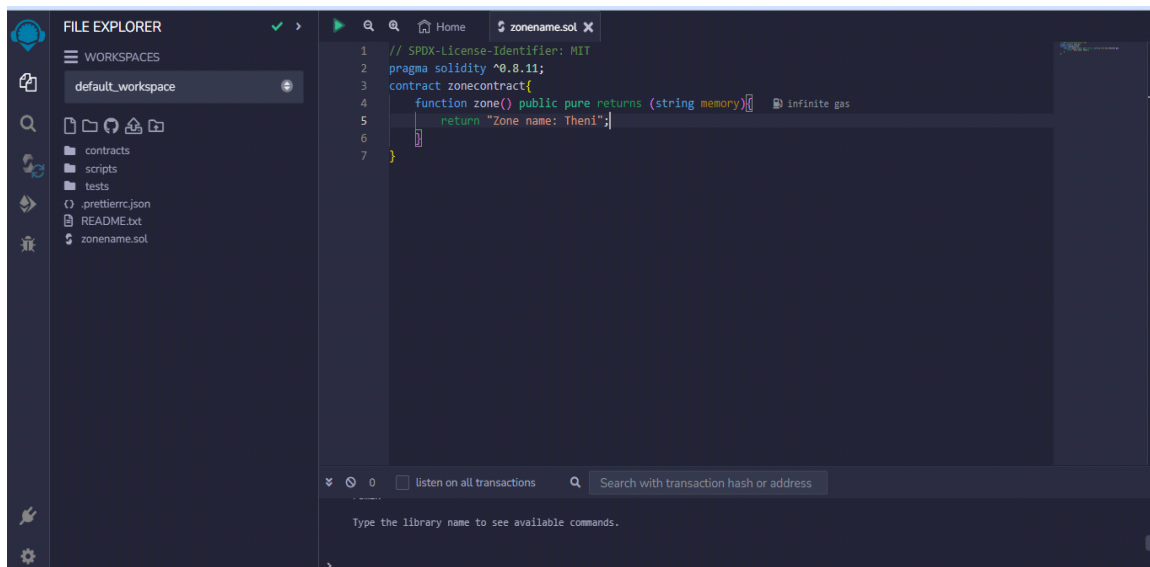
1.Go to the chrome and open remix platform



2. Open the remix page and create a new file



3. Create a program to return your string, "Zone name" in the created file



Program

```
// SPDX-License-Identifier: MIT

pragma solidity ^0.8.11;

contract zoneContract {

function zone() public pure returns(string memory) {

return "Zone name : Theni";

} }
```

4.Save the program and compile it to get the ABI and Bytecode

ABI :

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

Bytecode :

608060405234801561001057600080fd5b50610173806100206000396000f3fe608
060405234801561001057600080fd5b506004361061002b5760003560e01c8063f3
10b98514610030575b600080fd5b61003861004e565b604051610045919061011b5
65b60405180910390f35b60606040518060400160405280601081526020017f5a6f
6e65206e616d653a205468656e690000000000000000000000000000000008152509
05090565b600081519050919050565b600082825260208201905092915050565b6
0005b838110156100c55780820151818401526020810190506100aa565b60008484
015250505050565b6000601f19601f8301169050919050565b60006100ed8261008
b565b6100f78185610096565b93506101078185602086016100a7565b6101108161
00d1565b840191505092915050565b600060208201905081810360008301526101
3581846100e2565b90509291505056fea2646970667358221220fcc983bde2d4a673
5b7dd0a282c2fc2e77896738162836d193e83bb66a119dcd64736f6c634300081200
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5. Finally Deploy it to display the output :

The screenshot displays the Remix IDE interface. On the left sidebar, the 'DEPLOY & RUN TRANSACTIONS' panel is active, showing a 'Deploy' button and options to publish to IPFS or load from an address. Below this, it indicates 'Transactions recorded' and provides 'Save' and 'Run' buttons. The 'Deployed Contracts' section shows a contract named 'ZONECONTRACT AT 0XD91...391' with a balance of 0 ETH and a 'zone' button. The 'Low level interactions' section shows a 'Transact' button. The main editor displays the Solidity code for 'zoneContract' with a function 'zone()' that returns the string 'Zone name Theni'. The bottom status bar shows a transaction call from 0x5B380e6a701c568545dCfcB03FcB875f56beddC4 to the deployed contract, with data 0xf31...0b985.

