

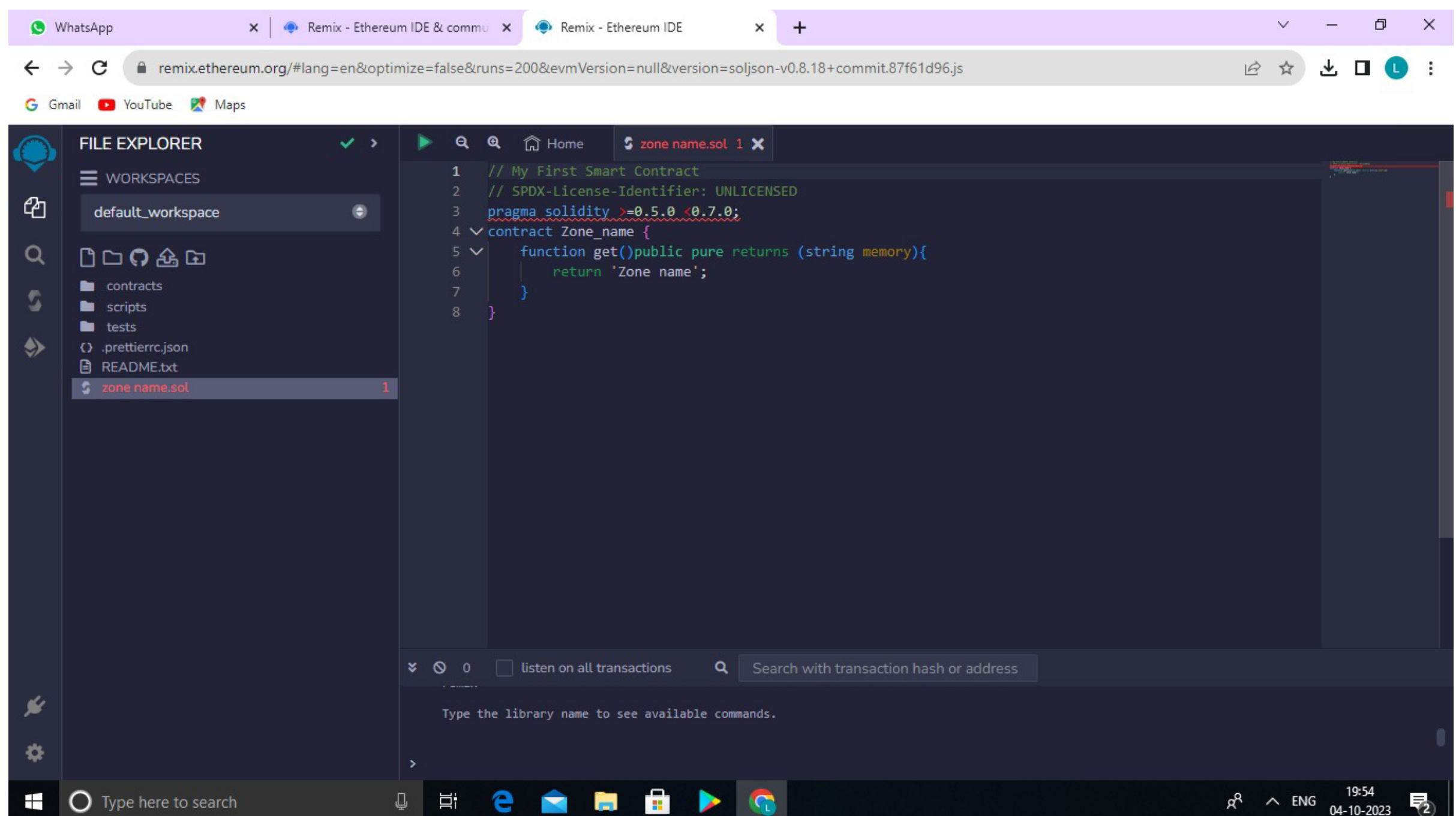
ASSIGNMENT ON BLOCK CHAIN

NAME: LAKSHMI.D

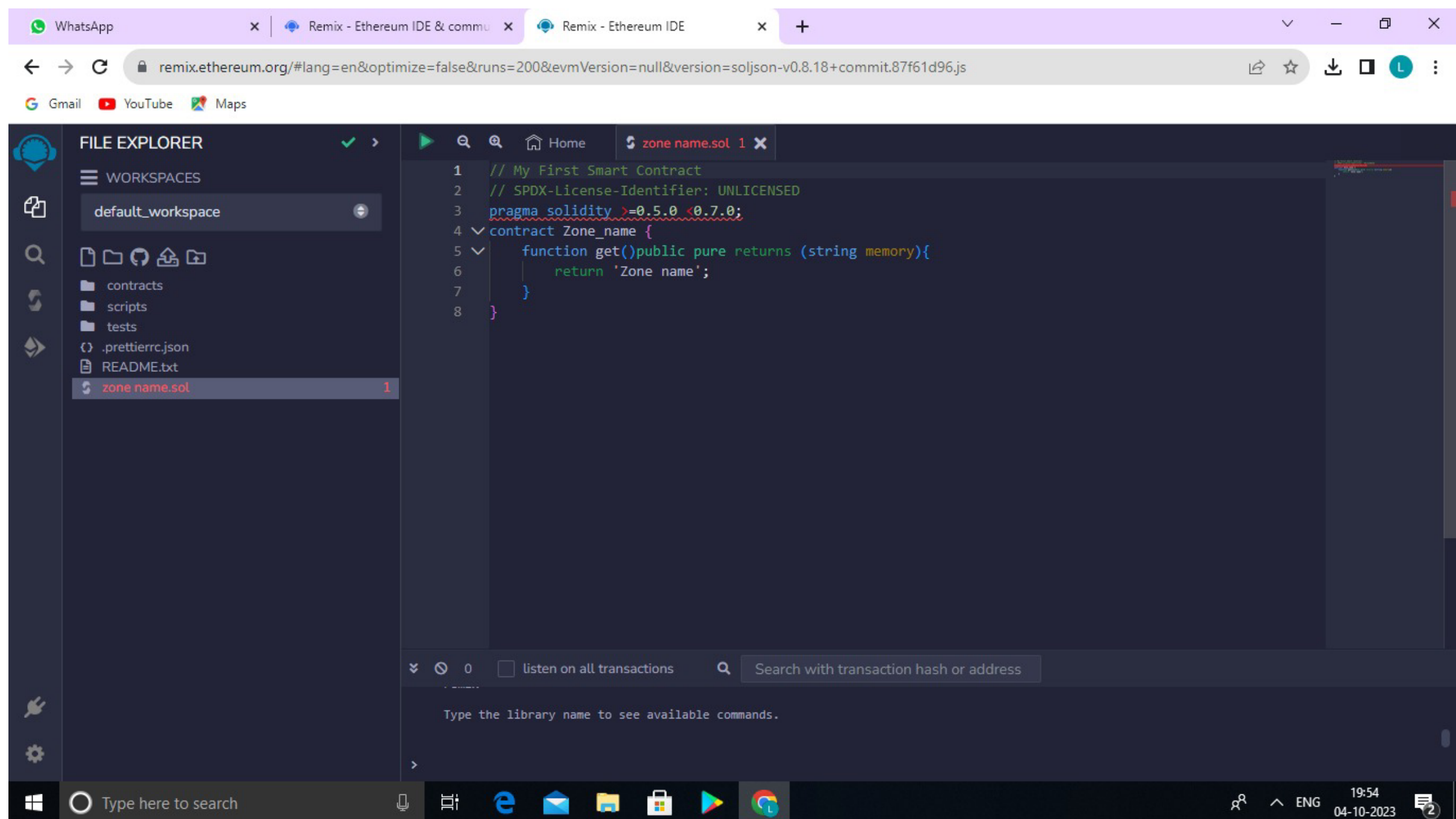
REG NO: 951320106018

TEAM ID: NM2023TMID03075

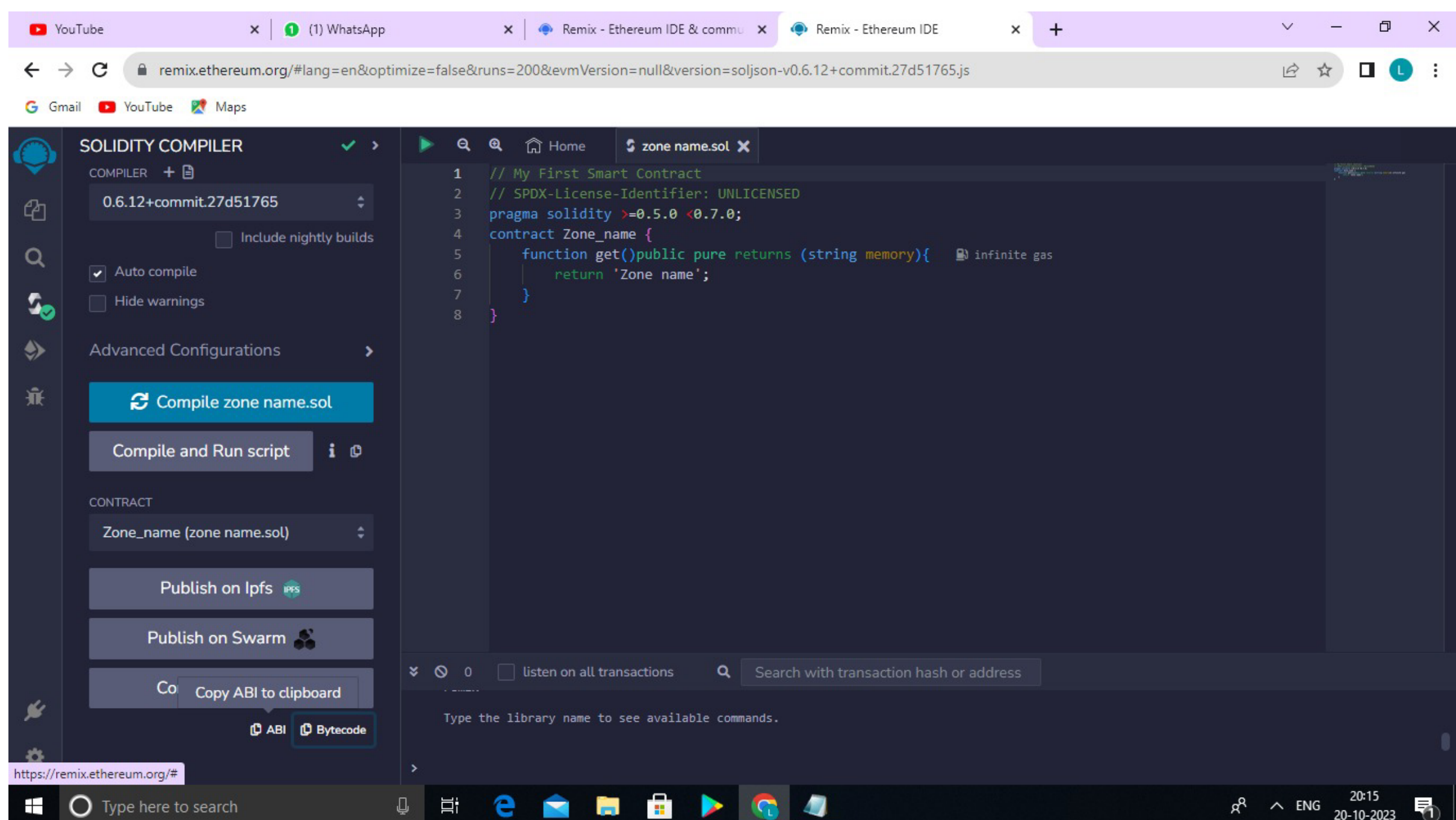
1. Go to the chrome and open remix platform



2. Open the remix page and create a new file



3. In that newly created file, create a program to return your string, “Zone name”.



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

```

ABI:

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

```

[illegible]

5. Finally Deploy it to display the output

YouTube (1) WhatsApp Remix - Ethereum IDE & commu Remix - Ethereum IDE

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.6.12+commit.27d51765.js

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DEPLOY & RUN TRANSACTIONS ✓

ENVIRONMENT
Remix VM (Shanghai)

ACCOUNT
0x5B3...eddC4 (100 ether)

GAS LIMIT
3000000

VALUE
0 Wei

CONTRACT
Zone_name - zone name.sol
evm version: istanbul
Deploy
Publish to IPFS
Address of contract
At Address Load contract from Address

Transactions recorded 0

Deployed Contracts

```
1 // My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity >=0.5.0 <0.7.0;
4 contract Zone_name {
5     function get()public pure returns (string memory){ infinite gas
6         return 'Zone name';
7     }
8 }
```

listen on all transactions Search with transaction hash or address

Type the library name to see available commands.

Type here to search

20:16 20-10-2023

YouTube (1) WhatsApp Remix - Ethereum IDE & commu Remix - Ethereum IDE

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.6.12+commit.27d51765.js

Gmail YouTube Maps

DEPLOY & RUN TRANSACTIONS ✓

ACCOUNT
0x5B3...eddC4 (99.999999!)

GAS LIMIT
3000000

VALUE
0 Wei

CONTRACT
Zone_name - zone name.sol
evm version: istanbul
Deploy
Publish to IPFS
At Address Load contract from Address

Transactions recorded 1

Deployed Contracts
ZONE_NAME AT 0XD91...39138 (l)

```
1 // My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity >=0.5.0 <0.7.0;
4 contract Zone_name {
5     function get()public pure returns (string memory){ infinite gas
6         return 'Zone name';
7     }
8 }
```

listen on all transactions Search with transaction hash or address

[vm] from: 0x5B3...eddC4 to: Zone_name.(constructor) value: 0 wei data: 0x608...c0033 logs: 0 hash: 0xca0...a9d9b Debug

Type here to search

20:16 20-10-2023