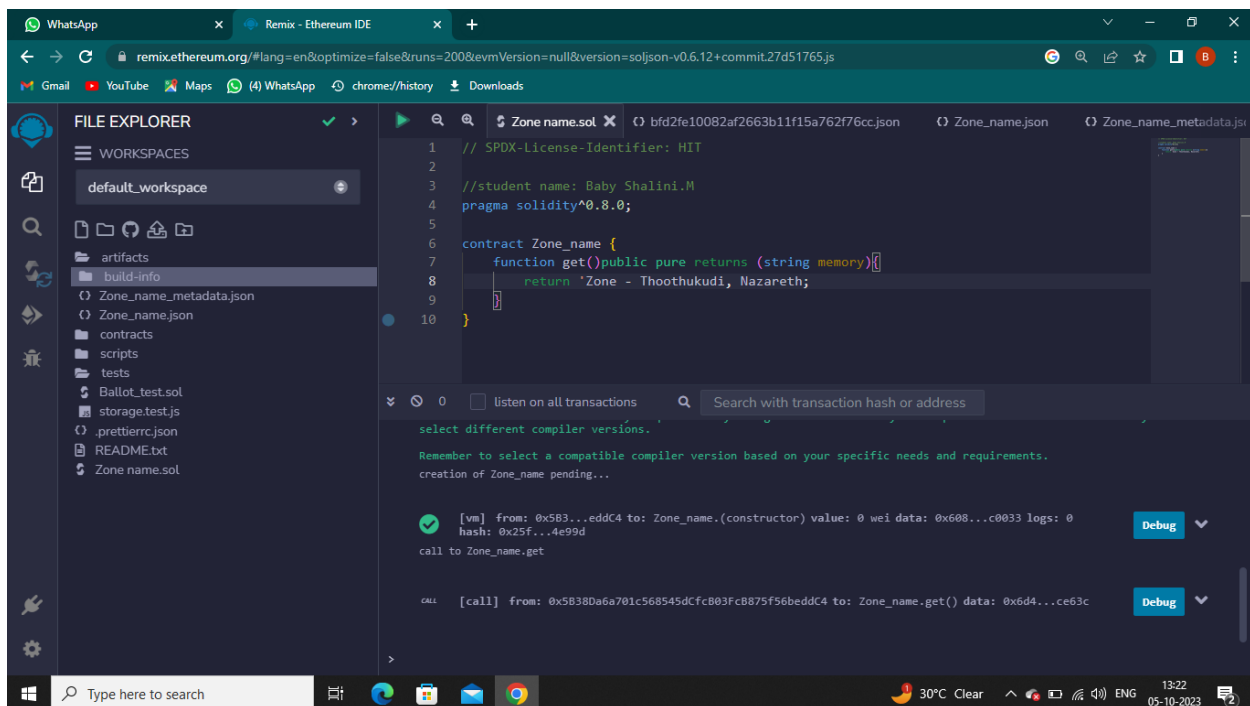
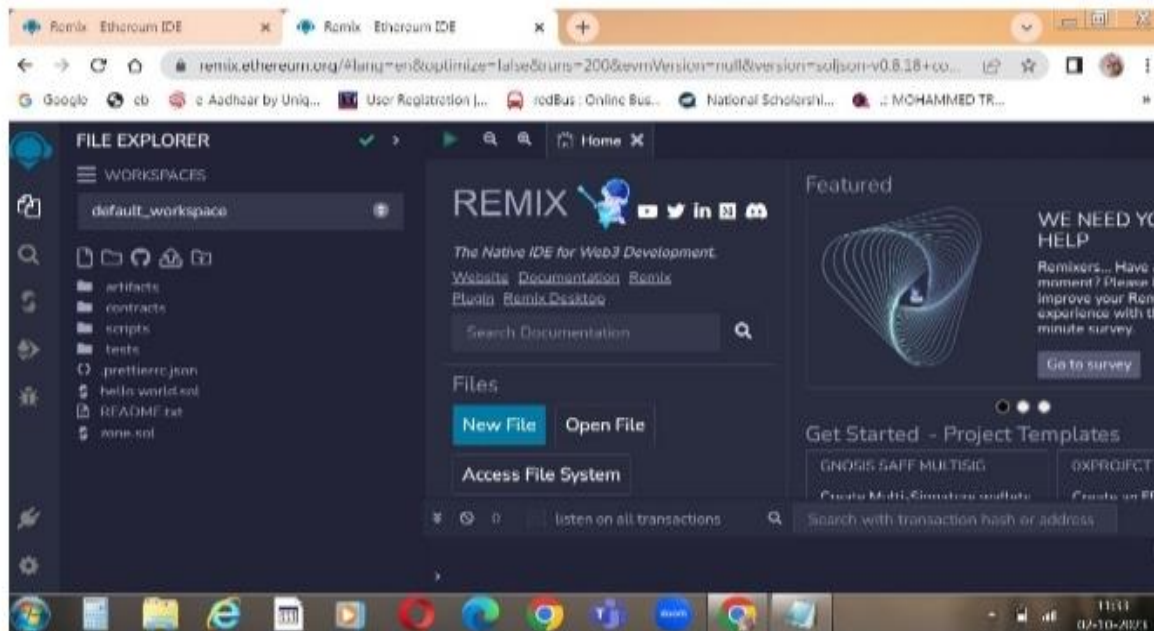


NAANMUDHALVAN ASSIGNMENT-1

Block Chain Technology:

Print Zone name,get ABI and Bytecode.



WhatsApp | 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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FILE EXPLORER

WORKSPACES

default_workspace

- artifacts
- build-info
- Zone_name_metadata.json
- Zone_name.json
- contracts
- scripts
- tests
- Ballot_test.sol
- storage.test.js
- .prettierrc.json
- README.txt
- Zone_name.sol

```
1 // SPDX-License-Identifier: HIT
2
3 //student name: Baby Shalini.M
4 pragma solidity^0.8.0;
5
6 contract Zone_name {
7     function get()public pure returns (string memory){
8         return 'Zone - Thoothukudi, Nazareth;
9     }
10 }
```

listen on all transactions Search with transaction hash or address

select different compiler versions.

Remember to select a compatible compiler version based on your specific needs and requirements.

creation of Zone_name pending...

[vm] from: 0x5B3...eddC4 to: Zone_name.(constructor) value: 0 wei data: 0x608...c0033 logs: 0
hash: 0x25f...4e99d **Debug**

call to Zone_name.get

CALL [call] from: 0x5B380a6a701c568545dCfc803Fc8875f56beddC4 to: Zone_name.get() data: 0x6d4...ce63c **Debug**

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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

evm version: istanbul

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded 1

Deployed Contracts

ZONE_NAME AT 0xD91...39138

Balance: 0 ETH

get

0: string: Zone name

Low level interactions

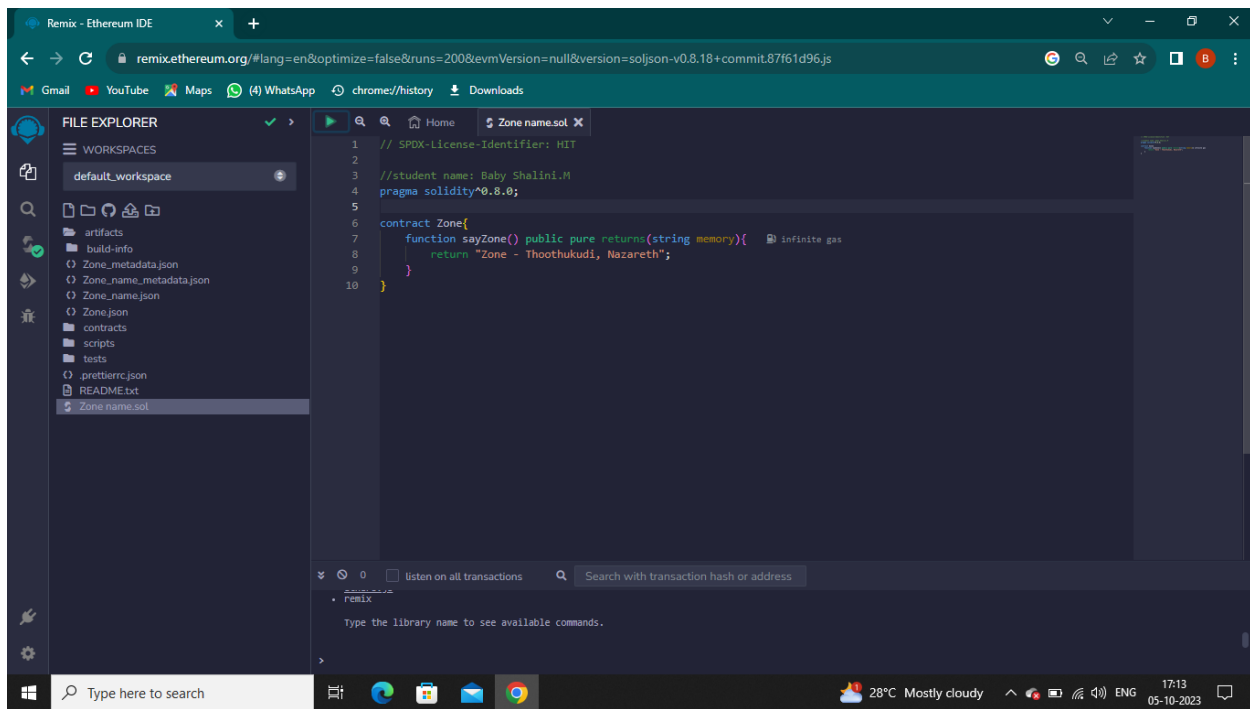
CALLDATA

Transact

```
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){
6         return 'Zone name';
7     }
8 }
```

listen on all transactions Search with transaction hash or address

CALL [call] from: 0x5B380a6a701c568545dCfc803Fc8875f56beddC4 to: Zone_name.get() data: 0x6d4...ce63c **Debug**



```
nm - Notepad
File Edit Format View Help

Remix link : https://remix.ethereum.org/
Program :
// SPDX-License-Identifier: HIT
pragma solidity^0.8.0;
contract zone{
    function sayZone() public pure returns(string memory){
        return "Zone - Thoothukkudi, Nazareth";
    }
}

ABI :

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

```
nm - Notepad
File Edit Format View Help

ABI :

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

Bytecode :
608060405234801561001057600080fd5b50610173806100206000396000f3fe608060405234801561001057600080fd5b5060043
61061002b5760003560e01c80630202012614610030575b600080fd5b61003861004e565b604051610045919061011b565b604051
80910390f35b6060606040518060400160405280601d81526020017f5a6f6e65202d2054686f667468756b6b7564692c204e617a617
2657468000000815250905090565b600081519050919050565b600082825260208201905092915050565b60005b838110156100c5
5780820151818401526020810190506100aa565b60008484015250505050565b6000601f19601f8301169050919050565b6000610
0ed8261008b565b6100f78185610096565b93506101078185602086016100a7565b610110816100d1565b84019150509291505056
5b6000602082019050818103600083015261013581846100e2565b90509291505056fea264697066735822122073b734d78505169
2ed7be348d817169af2b8d5a2e7c4177500ac7a0d5e2d264764736f6c63430008120033
```