

## **ASSIGNMENT -1**

AMULU EVANGALIN .P

SYED AMMAL ENGINEERING COLLEGE

IV-year ECE(Zone 14)

(TEAM LEAD)

## Assignment Question

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 the ABI and Bytecode
5. Finally Deploy it to display the output.

## Code

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

pragma solidity ^0.8.0;

contract MyContract {

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

        return "Zone name";

    }

}
```

32°C  
Haze

Search

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Haze

Search

Vaccine-Tracking--Transparent/ X

Remix - Ethereum IDE X

+

https://remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js

☆ ⓘ ⌵ ⌵ ⌵

DEPLOY & RUN TRANSACTIONS ✓ >

VALUE

0 Wei

CONTRACT

MyContract - zone.name.sol

evm version: paris

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded ⓘ ⓘ >

Deployed Contracts

MYCONTRACT AT 0xD91...39138 ⓘ

Balance: 0 ETH

getZoneName

0: string: Zone name

Low level interactions ⓘ

CALLDATA

Transact

zone.name.sol X

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

0

☐ listen on all transactions

Search with transaction hash or address

CALL [call] from: 0x5B380a6a701c56854dCfcB03FcB875f56beddC4 to: MyContract.getZoneName() data: 0x235...ed70f

Debug