

## **ASSIGNMENT**

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SYED AMMAL ENGINEERING COLLEGE

IV-YEAR ECE (ZONE 14)

(TEAM MEMBER)

## **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: MITpragma
```

```
solidity ^0.8.0;
```

```
contract MyContract {
```

```
    function getZoneName() public pure returns
```

```
        (string memory) {return "Zone name";
```

```
    }
```

```
}
```

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### DEPLOY & RUN TRANSACTIONS

**GAS LIMIT**  
3000000

**VALUE**  
0 Wei

**CONTRACT**  
MyContract - zonename1.sol

☐ Publish to IPFS

Transactions recorded 1 ⓘ ⓘ

☐ Run transactions using the latest compilation result

**Deployed Contracts**

▼ MYCONTRACT AT 0xD91...39138 ⓘ ✕

Balance: 0 ETH

0: string: Zone name

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

0 ☐ listen on all transactions 🔍 Search with transaction hash or address

CALL [call] from: 0x58380a6a701c568545dCfc803Fc8875f56beddC4 to: MyContract.getZoneName() data: 0x235...ed70f