

# ASSIGNMENT 1

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IV – ECE (ZONE 14)

TEAM MEMBER 3

## **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 My Contract {  
    function getZoneName() public pure  
returns memory) {  
    return "Zone name";  
}  
}
```

remixide - Search

Remix - Ethereum IDE

+

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

DEPLOY & RUN TRANSACTIONS

ACCOUNT

0x5B3...eddC4 (99.999999%)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

MyContract - Contract.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

Contract.sol

```
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
12
```

0

listen on all transactions

Search with transaction hash or address

CALL [call] from: 0x5B38Da6a701c568545dcfcb03fcb875f56beddC4 to: MyContract.getZoneName() data: 0x235...ed70f

Debug

92°F Partly sunny

Search

ENG IN

1:46 PM 10/21/2023