

ASSIGNMENT -1

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IV-year 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 MyContract {

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

        return "Zone name";

    }

}
```

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

VALUE

0Wei

CONTRACT

MyContract - my contract.sol

even version: paris

Deploy

☐ Publish to IPFS

At Address

Load contract from Address

Transactions recorded

71

Deployed Contracts

MYCONTRACT AT 0x358...D5EE3 ()

Balance: 0 ETH

getZoneName

0; string: Zone name

Low level interactions

CALLDATA

Transact

zone name.sol

my contract.sol

```
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
```

listen on all transactions

Search with transaction hash or address

[vm] from: 0x5B3...eddC4 to: MyContract.(constructor) value: 0 wei data: 0x08...20033 logs: 0 hash: 0xed4...61bac
call to MyContract.getZoneName

Debug

30°C Haze

Search

ENG IN

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