

## **ASSIGNMENT -1**

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## 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

remix.ethereum.org/?lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.19+commit.187161d56.js

### DEPLOY & RUN TRANSACTIONS

0 Wei

CONTRACT

MyContract - MyContract.sol

Run selected code

Deploy

Publish to IPFS

At Address Load contract from Address

Transactions recorded

Deployed Contracts

MYCONTRACT AT 0x061...39138

Balance: 0 ETH

getZoneName

is string Zone name

Low level interactions

CALLDATA

Contract

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

Listen on all transactions

Search with transaction hash or address

[call] from: 0x1538d4e701c168545dCfc003fc0E7575A6ad0CA to: MyContract.getZoneName() data: 0x235...ed70f

Debug