

## **ASSIGNMENT -1**

**SNEGHA.G**

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**SYED AMMAL ENGINEERING COLLEGE**

**ECE IV (Zone14)**

**(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: MITpragma
```

```
solidity ^0.8.0;
```

```
contract MyContract {
```

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

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

```
    }
```

```
}
```

# SCREEN SHOT:

The screenshot displays the Remix Ethereum IDE interface. The top bar shows the browser address: `remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js`. The left sidebar contains the 'DEPLOY & RUN TRANSACTIONS' panel with the following settings:

- ACCOUNT: [Empty field]
- GAS LIMIT: 3000000
- VALUE: 0 Wei
- CONTRACT: MyContract - assign.sol
- evm version: paris
- Deploy button (orange)
- ☐ Publish to IPFS
- At Address button (blue) with a subtext 'Load contract from Address'
- Transactions recorded: 0
- Deployed Contracts section with a message: 'Currently you have no contract instances to interact with.'

The main editor area shows the Solidity code for `assign.sol`:

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

At the bottom, a console window displays the message: 'creation of MyContract pending...'. The Windows taskbar at the very bottom shows the time as 17:59 on 27-10-2023.

