

ASSIGNMENT

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Team ID	NM2023TMID01745
Project Name	Chain Connect Nodes

The screenshot displays the Remix IDE interface during the deployment of a Solidity contract. The left sidebar contains the 'DEPLOY & RUN TRANSACTIONS' panel, which is set to the 'Remix VM (Shanghai)' environment. The 'ACCOUNT' section shows an address '0x5B3...eddC4' with a balance of '99.9999999'. The 'GAS LIMIT' is set to '3000000'. The 'VALUE' is '0' Wei. The 'CONTRACT' section shows 'NameValueStorage - varsha.sol' with a 'Deploy' button. Below this, there are sections for 'Transactions recorded' and 'Deployed Contracts'. The main editor shows the Solidity code for the 'NameValueStorage' contract, which includes a 'setName' function and a 'getName' function. The bottom panel shows the transaction logs, indicating the successful deployment of the contract.

```
1 // SPDX-License-Identifier:MIT
2 pragma solidity ^0.8.0;
3
4 contract NameValueStorage {
5     string public nameValue;
6
7     function setName(string memory newName) public {
8         nameValue = newName;
9     }
10
11     function getName() public view returns (string memory) {
12         return nameValue;
13     }
14 }
```

Transaction logs:

- [vm] from: 0x5B3...eddC4 to: NameValueStorage.(constructor) value: 0 wei data: 0x608...28033 logs: 0 hash: 0xe0b...76bac creation of NameValueStorage pending...
- [vm] from: 0x5B3...eddC4 to: NameValueStorage.(constructor) value: 0 wei data: 0x608...28033 logs: 0 hash: 0x035...6651d creation of NameValueStorage pending...