

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 shows the environment set to 'Remix VM (Shanghai)', the account '0x5B3...eddC4 (99.9999999%)', and the gas limit '3000000'. The contract 'NameValueStorage - Kaviya.sol' is selected, and the 'Deploy' button is visible. Below this, there are sections for 'Transactions recorded' and 'Deployed Contracts'.

The main editor area shows the Solidity code for the 'NameValueStorage' 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 { infinite gas
8         nameValue = newName;
9     }
10
11     function getName() public view returns (string memory) { infinite gas
12         return nameValue;
13     }
14 }
```

The bottom panel shows the console output, which includes instructions on how to use the Remix VM, a list of accessible libraries (web3 version 1.5.2, ethers.js, and remix), and a confirmation message: '[vm] from: 0x5B3...eddC4 to: NameValueStorage.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0x9dd...4f732'. A 'Debug' button is also present in the bottom right corner of the console panel.