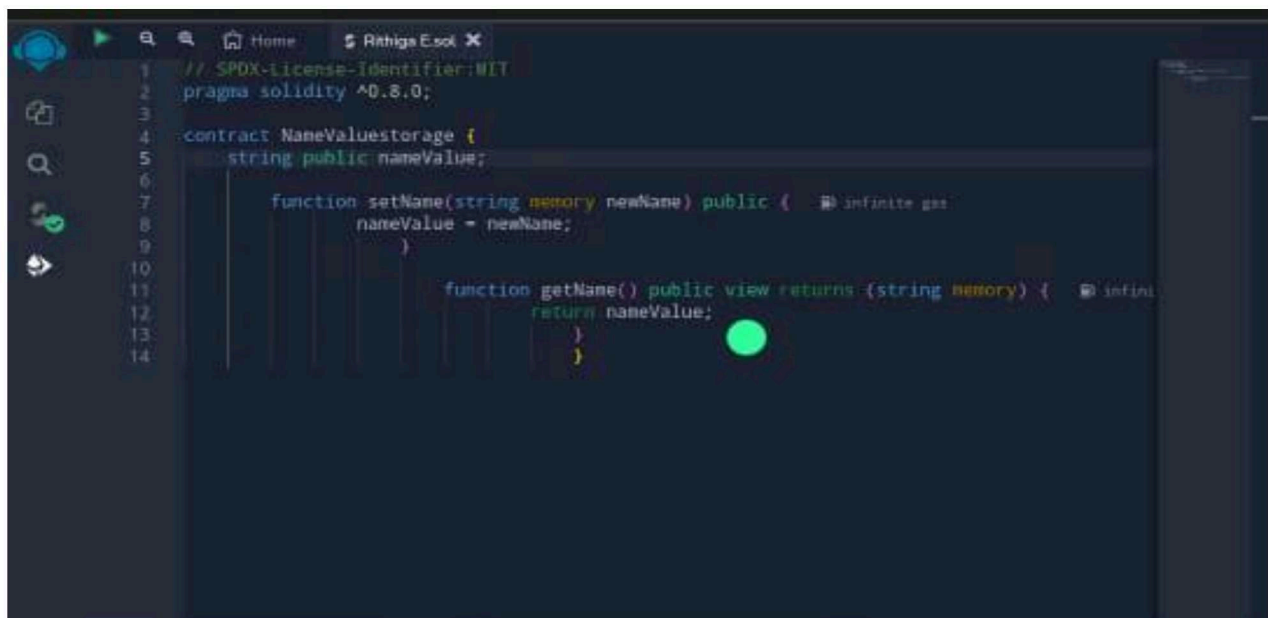


## ASSIGNMENT

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Team ID	NM2023TMID01749
Project Name	Agriculture Docs Chain
Date	30 OCTOBER 2023



```
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 }
```

The image shows a screenshot of a code editor with a dark theme. The editor displays a Solidity smart contract named 'NameValueStorage'. The code includes a license identifier, a pragma statement for Solidity version ^0.8.0, and two functions: 'setName' and 'getName'. The 'setName' function is a public function that takes a string memory parameter 'newName' and assigns it to the public variable 'nameValue'. The 'getName' function is a public view function that returns the value of 'nameValue'. The code is syntax-highlighted, and there are line numbers on the left side of the editor. A green circle is visible on the right side of the code, near the end of the 'getName' function.

Welcome to Remix 0.36.1

Your files are stored in indexedDB, 52.75 KB / 4.77 MB used

You can use this terminal to:

- Check transactions details and start debugging.
- Execute JavaScript scripts:
  - Input a script directly in the command line interface
  - Select a JavaScript file in the file explorer and then run 'remix.execute()' or 'remix.executeCurrent()' in the command line interface
  - Right click on a JavaScript file in the file explorer and then click 'Run'

The following libraries are accessible:

- web3 version 1.5.2
- ethers.js
- remix

Type the library name to see available commands.  
creation of newValueStorage pending...

✓ [w] from: 0x7B3...eddC4 to: newValueStorage.constructor value: 0 wei data: 0x00...20033 logs: 0  
hash: 0x481...dbbc7

Debug

status	true Transaction mined and execution succeed
transaction hash	0x4615f7041f8506a8386fe633bf236150ce65126375fc0fbc26c0d046480c7
block hash	0x019380bf7c7514ac80f47740eeb0e2c7a37f9fe1f2895c457c5159c79e012e
block number	1
contract address	0xd5145CC52030f254017e481a044e043f3f138
from	0x5B38964701c48654dC7CB3F1C867F941b04C4
to	newValueStorage.constructor
gas	517914 gas
transaction cost	450479 gas
execution cost	369205 gas
input	0x50...20033
decoded input	()
decoded output	-
logs	[]
val	0 wei