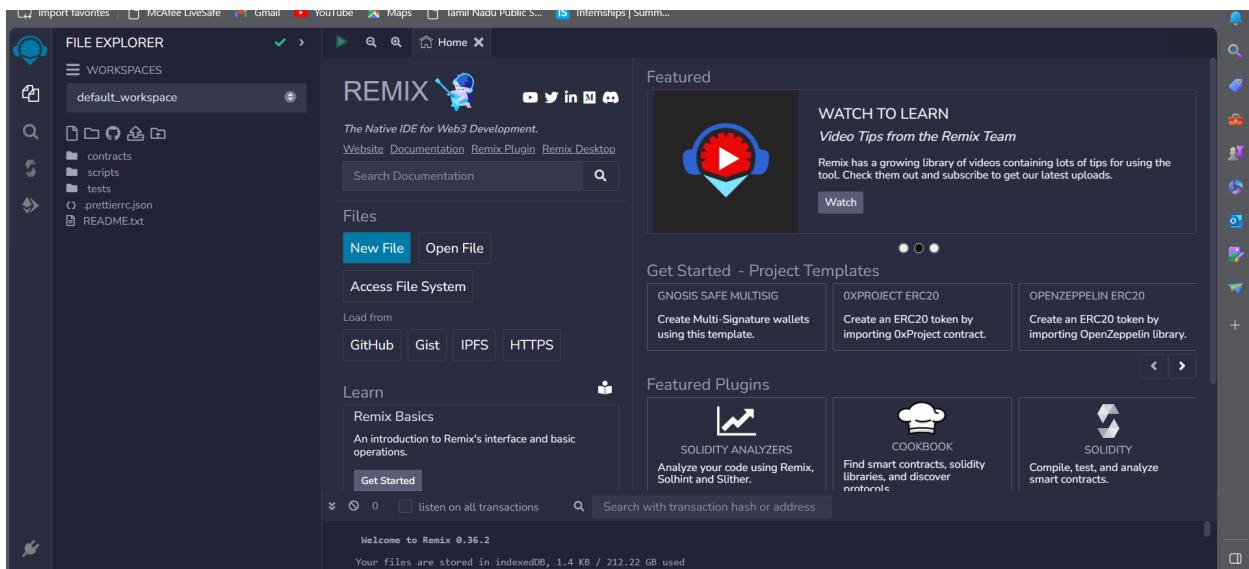
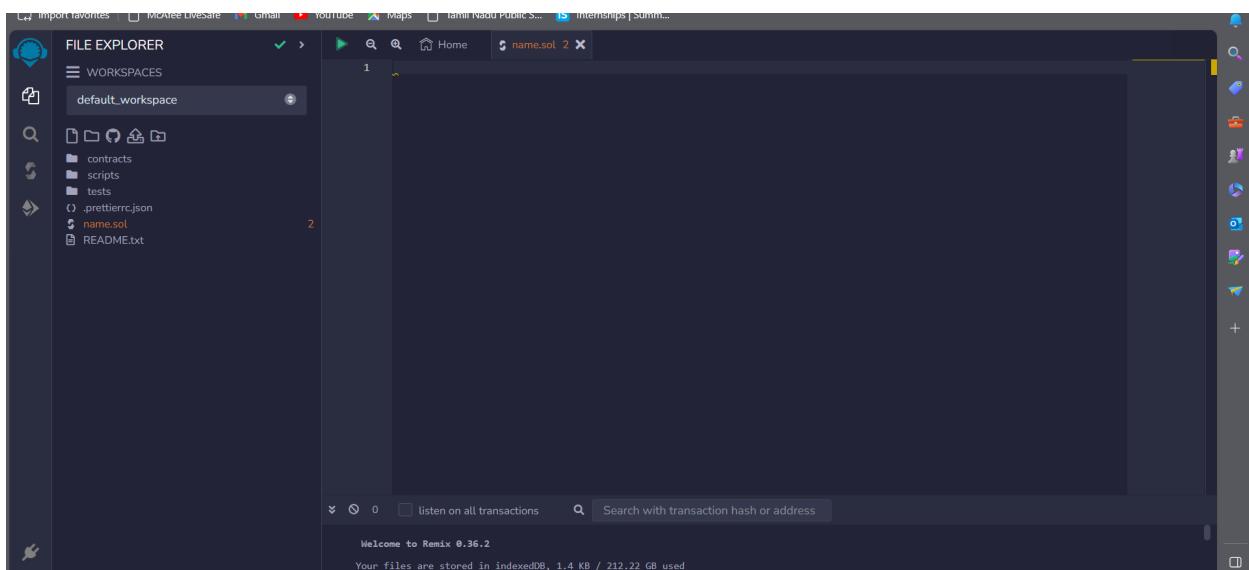


Assignment 1

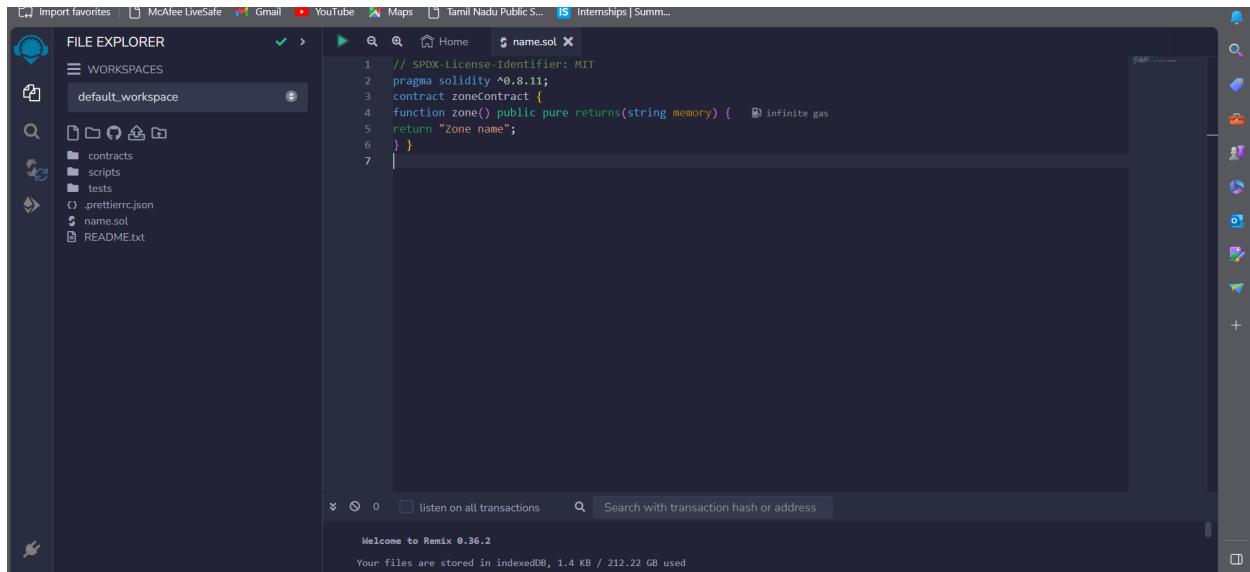
1. Go to the chrome and open remix platform



2. Open the remix page and create a new file



3. Create a program to return your string, "Zone name" in the created file



The screenshot shows the Remix IDE interface. The left sidebar displays the 'FILE EXPLORER' with a 'WORKSPACES' section containing 'default_workspace'. Inside 'default_workspace', there are folders for 'contracts', 'scripts', 'tests', and files for '.prettierrc.json', 'name.sol', and 'README.txt'. The main central area is titled 'name.sol' and contains the following Solidity code:

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.11;
contract zoneContract {
    function zone() public pure returns(string memory) {
        return "Zone name";
    }
}
```

Below the code editor, the status bar shows 'Welcome to Remix 0.36.2' and 'Your files are stored in indexedDB, 1.4 KB / 212.22 GB used'.

Program

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.11;
contract zoneContract {
    function zone() public pure returns(string memory) {
        return "Zone name";
    }
}
```

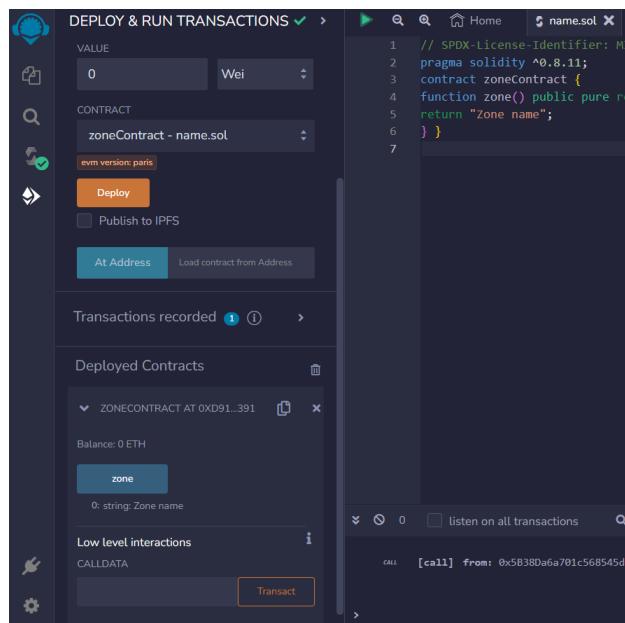
4.Save the program and compile it to get the ABI and Bytecode

ABI

```
[  
 {  
   "inputs": [],  
   "name": "zone",  
   "outputs": [  
     {  
       "internalType": "string",  
       "name": "",  
       "type": "string"  
     }  
   ],  
   "stateMutability": "pure",  
   "type": "function"  
 }  
 ]
```

Bytecode

5. Finally Deploy it to display the output :



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