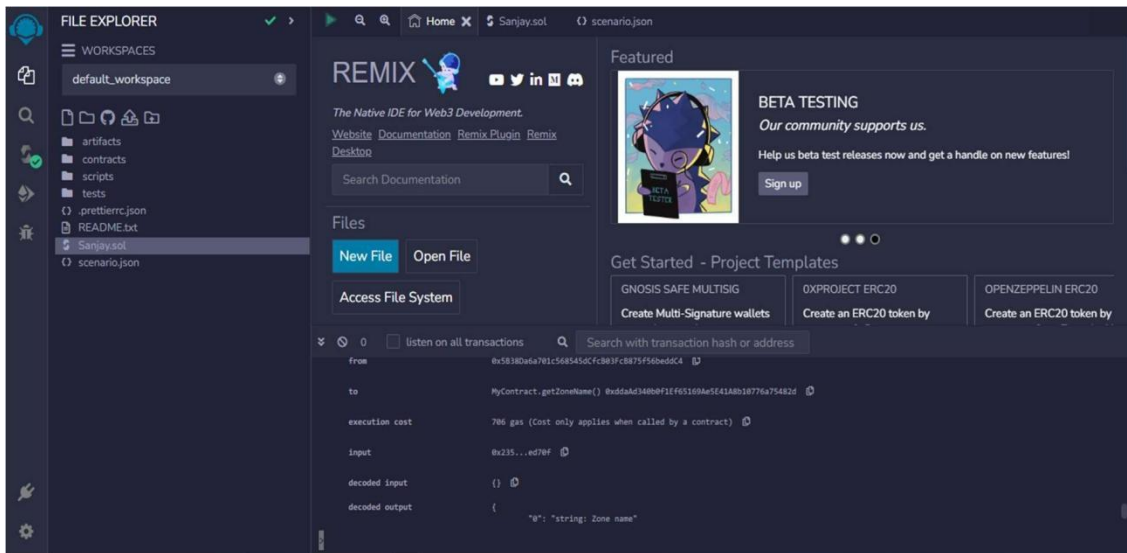


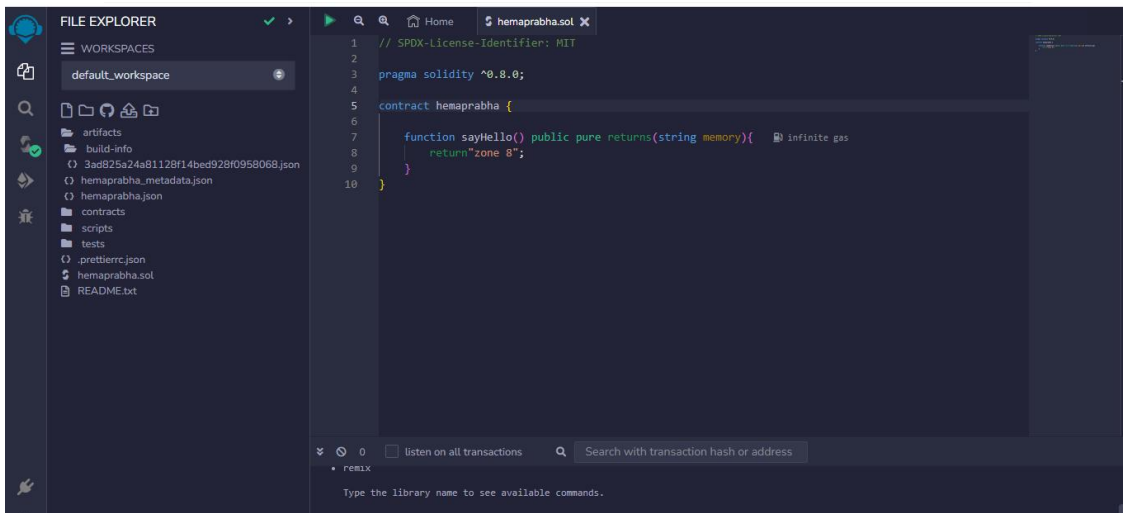
## ASSIGNMENT -1

NAME	HEMAPRABHA V
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING
TEAM ID	NM2023TMID00953

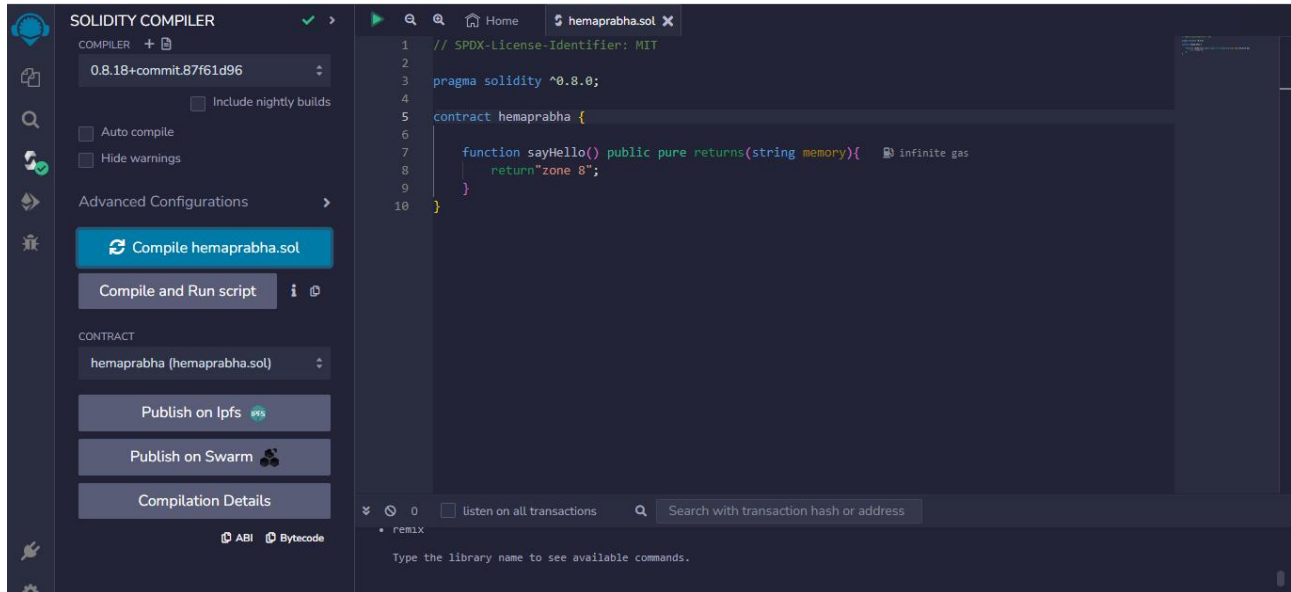
1. Go to the chrome and open remix platform



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"



PROGRAM:

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract hemaprabha {
    function getZoneName() public pure
    returns (string memory) {
        return "Zone name";
    }
}
```

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

ABI:

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

BYTECODE:

```
608060405234801561001057600080fd5b50610173806100206000396000f3fe608060405234801
561001057600080fd5b506004361061002b5760003560e01c8063ef5fb05b14610030575b600080f
d5b61003861004e565b604051610045919061011b565b60405180910390f35b606060405180604
00160405280600681526020017f7a6f6e65203800000000000000000000000000000000000000
000000000000815250905090565b600081519050919050565b6000828252602082019050929150
50565b60005b838110156100c55780820151818401526020810190506100aa565b600084840152
50505050565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f781856
10096565b93506101078185602086016100a7565b610110816100d1565b8401915050929150505
65b6000602082019050818103600083015261013581846100e2565b90509291505056fea264697
06673582212209399f5e0f425fab01d950e4ad82d2d84e82fa1e2ebf553855c5561f9f1ff843964736f
6c63430008120033
```

## 5. Finally Deploy it to display the output

The screenshot displays the Remix IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' sidebar is visible, showing the environment set to 'Remix VM (Shanghai)', the account '0x5B3...eddC4 (99.999999%)', and the gas limit set to '3000000'. The contract 'hemaprabha - hemaprabha.sol' is selected, and the 'Deploy' button is highlighted. Below the sidebar, the 'Transactions recorded' and 'Deployed Contracts' sections are shown. The main editor displays the Solidity code for 'hemaprabha.sol', which includes a 'sayHello()' function that returns the string 'zone 8'. The bottom panel shows the execution details of a transaction, including the 'from' address, 'to' address, 'execution cost' (715 gas), 'input' data, 'decoded input', 'decoded output' (a JSON object with 'zone 8'), and 'logs'.