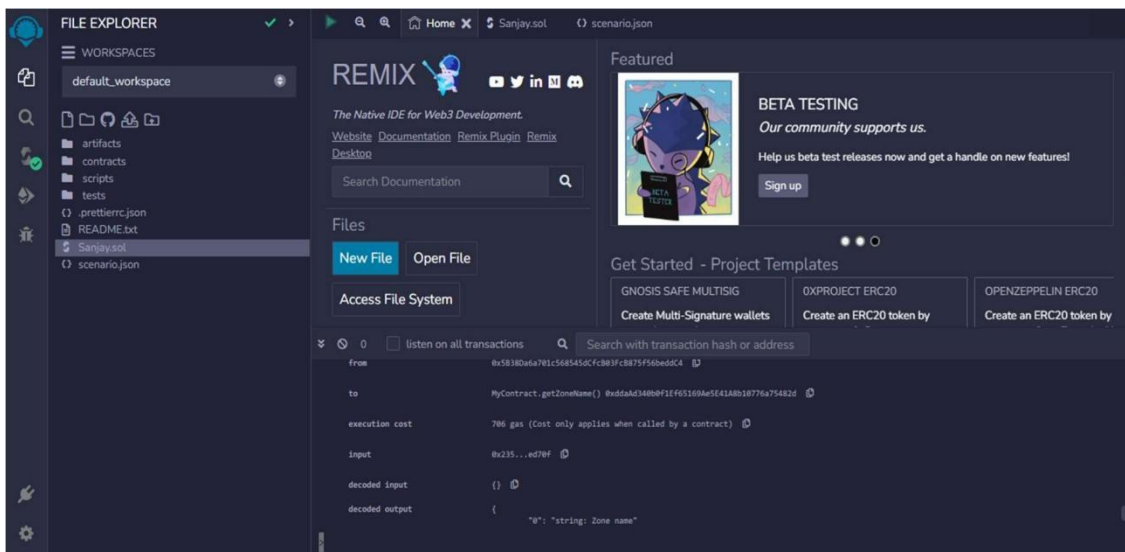


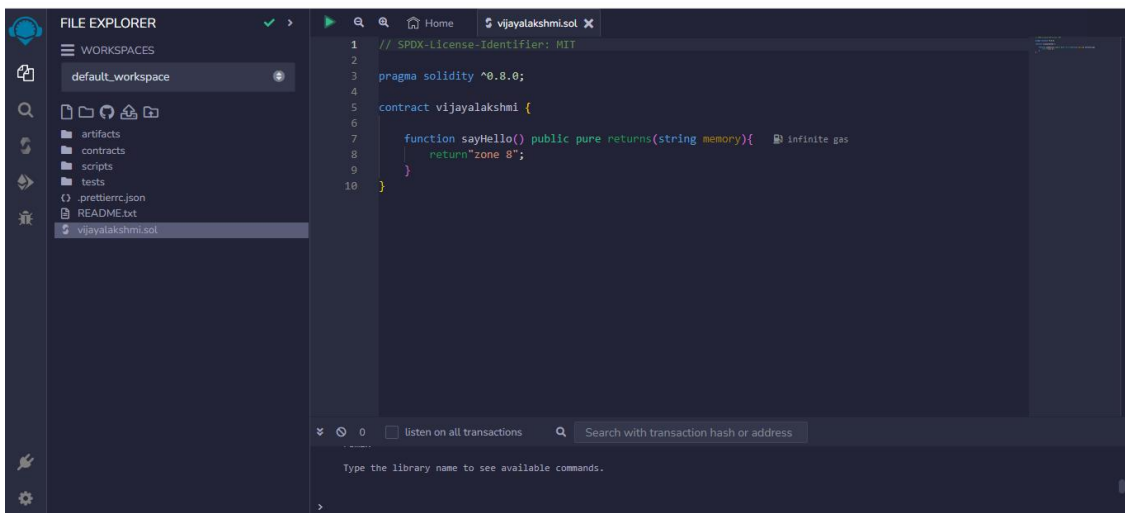
ASSIGNMENT -1

NAME	VIJAYALAKSHMI K
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING
TEAM ID	NM2023TMID00953

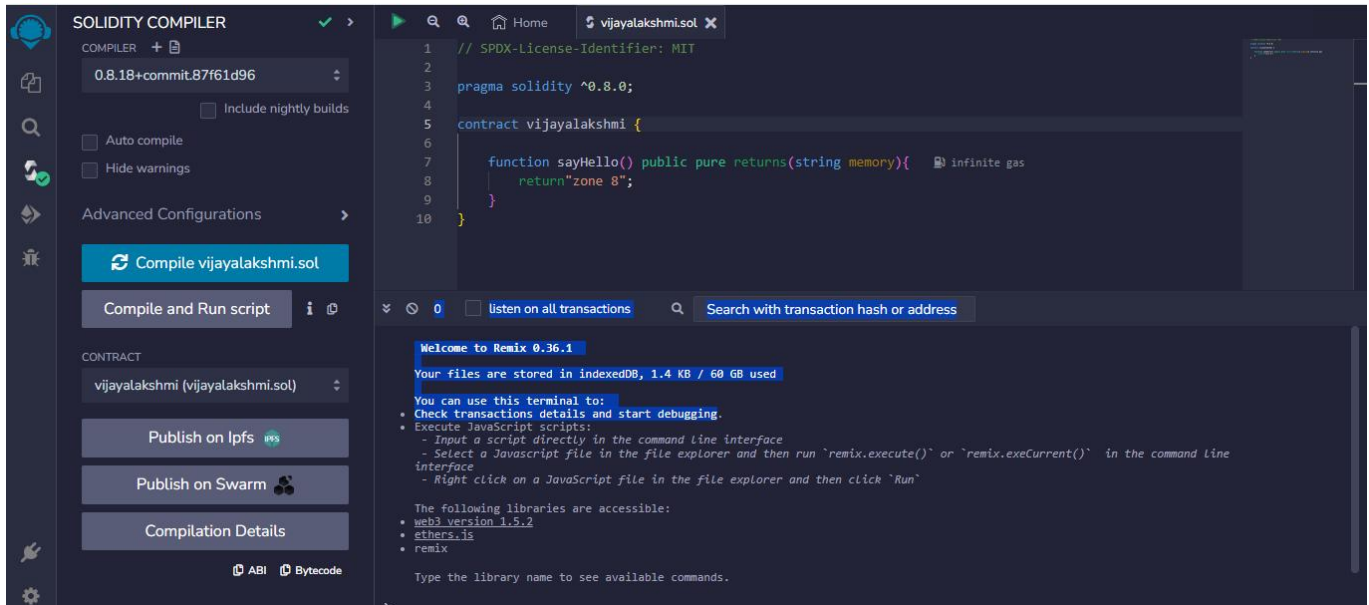
1. Go to the chrome and open remix platform



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 vijayalakshmi {
    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 active, showing the contract 'vijayalakshmi - vijayalakshmi.sol'. The 'Deploy' button is highlighted. Below it, the 'Deployed Contracts' section shows the contract deployed at address '0xD01...3911'. The 'sayHello' function is listed with a balance of 0 ETH. The 'Low level interactions' section shows the 'CALLDATA' field. The main editor displays the Solidity code for the 'vijayalakshmi' contract, which includes a 'sayHello' function that returns the string 'zone 8'. The bottom right pane shows the transaction details for the 'sayHello' function call, including the 'from' address, 'to' address, 'execution cost' (735 gas), 'input' (hex string), 'decoded input' (empty array), 'decoded output' (object with '0': 'string: zone 8'), and 'logs'.