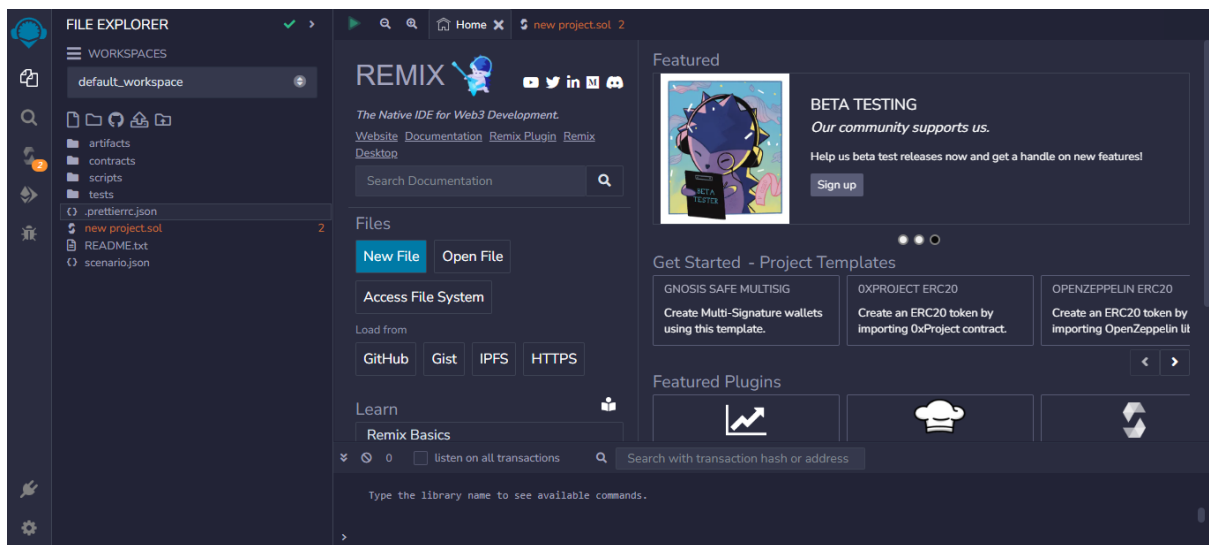


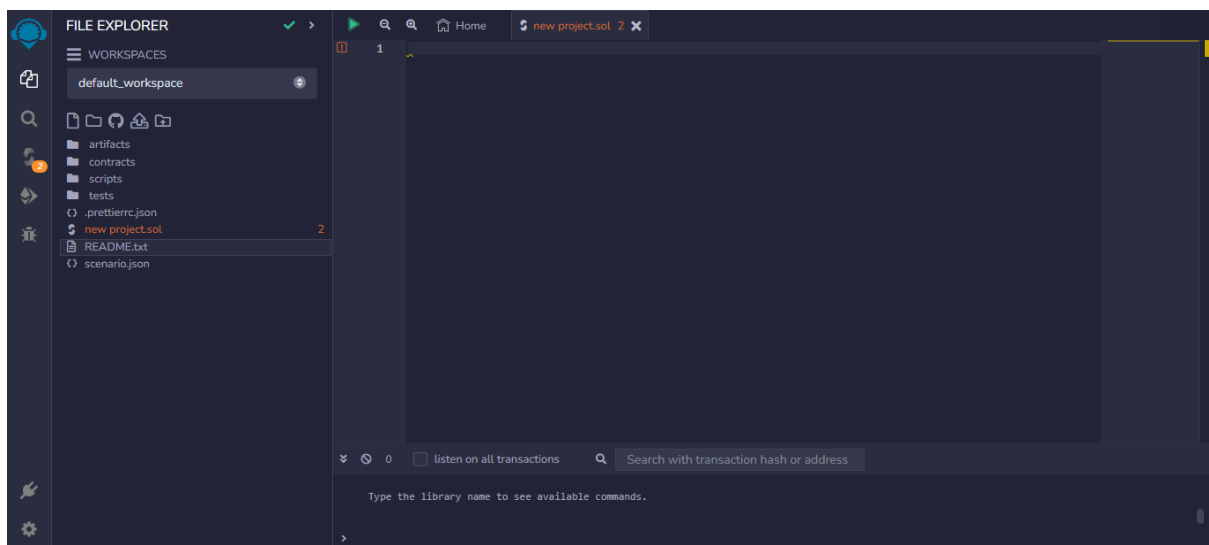
ASSIGNMENT -1

NAME	SIYAMALA G
PROJECT NAME:	VACCINE TRACKING- TRANSPARENT
TEAM ID	NM2023TMID01594

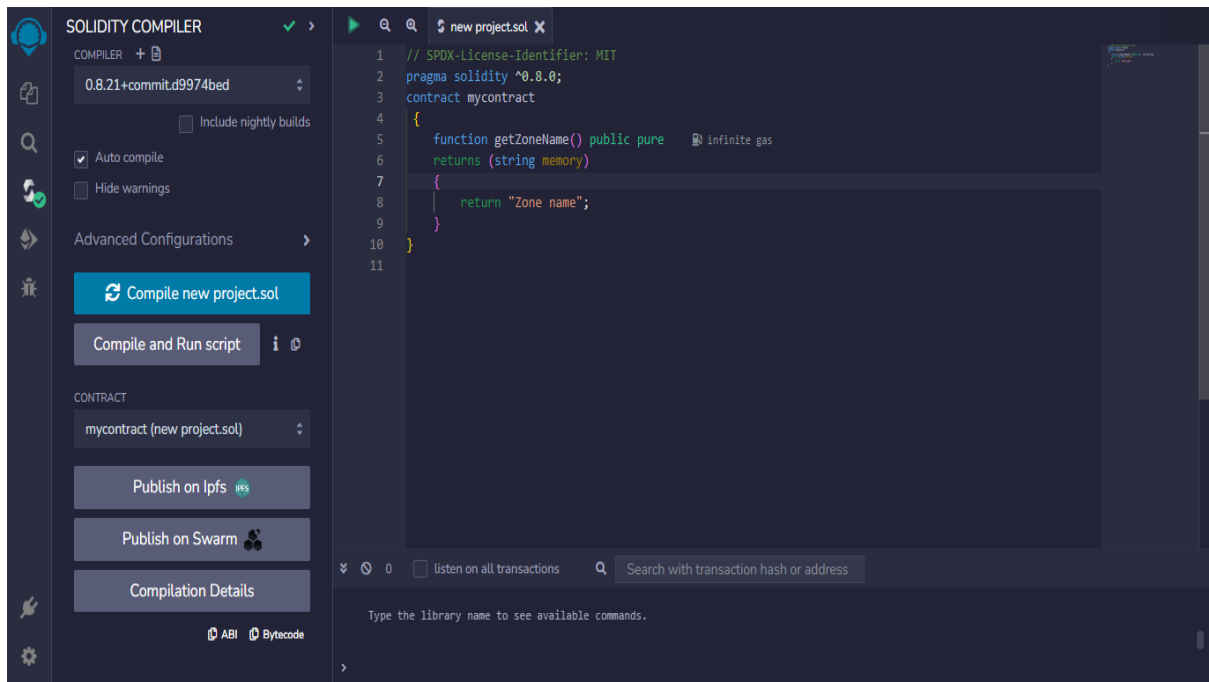
1.Go to the chrome and open remix platform



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 ^0.8.13;
contract mycontract
{
    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": "getZoneName",
    "outputs": [
      {
        "internalType": "string",
        "name": "",
        "type": "string"
      }
    ],
    "stateMutability": "pure",
    "type": "function"
  }
]

```

Bytecode:

608060405234801561001057600080fd5b50610173806100206000396000f3fe6
08060405234801561001057600080fd5b506004361061002b5760003560e01c80
63235ed70f14610030575b600080fd5b61003861004e565b60405161004591906
1011b565b60405180910390f35b6060604051806040016040528060098152602
0017f5a6f6e65206e616d6500
0000815250905090565b600081519050919050565b6000828252602082019050
92915050565b60005b838110156100c557808201518184015260208101905061
00aa565b60008484015250505050565b6000601f19601f8301169050919050565
b60006100ed8261008b565b6100f78185610096565b935061010781856020860
16100a7565b610110816100d1565b840191505092915050565b6000602082019
050818103600083015261013581846100e2565b90509291505056fea264697066
7358221220de928d37c2ccf4326108d8d4ce3e44d787cfd0b8ee72b632f0e5d1f9b
b28622a64736f6c63430008120033

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 'mycontract - new project.sol' and a 'Deploy' button. Below this, the 'Transactions recorded' section shows a single transaction. The 'Deployed Contracts' section lists 'MYCONTRACT AT 0XD91...39138' with a 'getZoneName' button. The 'Low level interactions' section shows the 'CALLDATA' field. The main editor displays the Solidity code for 'mycontract', which includes a 'getZoneName' function. The bottom right pane shows the execution details for a call to 'mycontract.getZoneName()', including the 'from' address, 'to' address, 'execution cost', 'input', 'decoded input', 'decoded output', and 'logs'.

```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.13;
3 contract mycontract
4 {
5     function getZoneName() public pure { infinite gas
6     returns (string memory)
7     {
8         return "Zone name";
9     }
10 }
11
```

CALL [call] from: 0x58380a6a701c568545dcfc803fc8875f56beddC4 to: mycontract.getZoneName() data: 0x235...ed70f

from: 0x58380a6a701c568545dcfc803fc8875f56beddC4

to: mycontract.getZoneName() 0xd9145CCE52D380f254917e481e844a9943f39138

execution cost: 715 gas (Cost only applies when called by a contract)

input: 0x235...ed70f

decoded input: {}

decoded output: { "0": "string: Zone name" }

logs: []