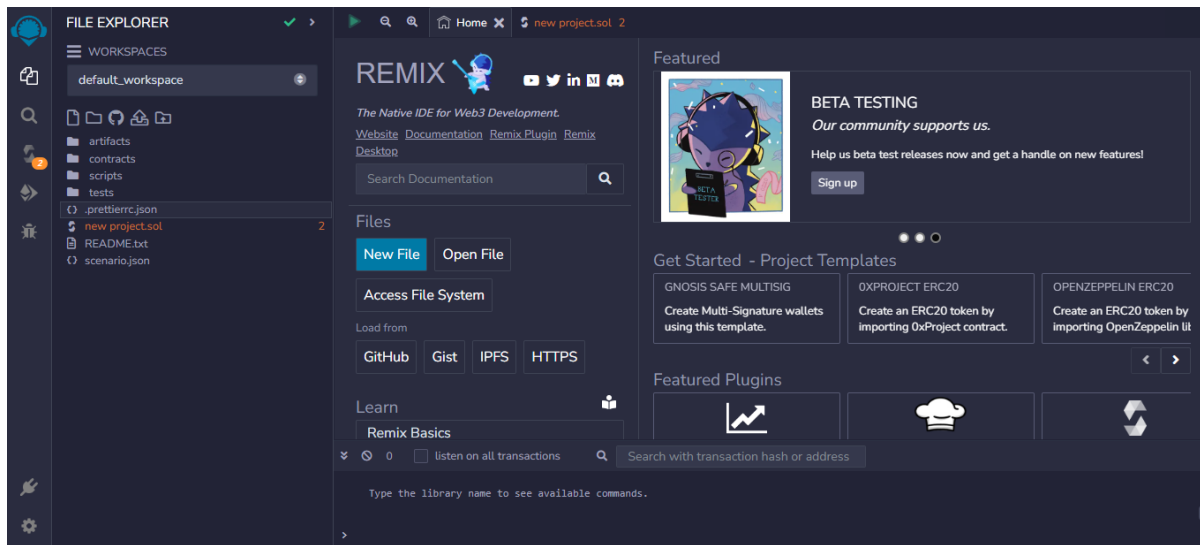


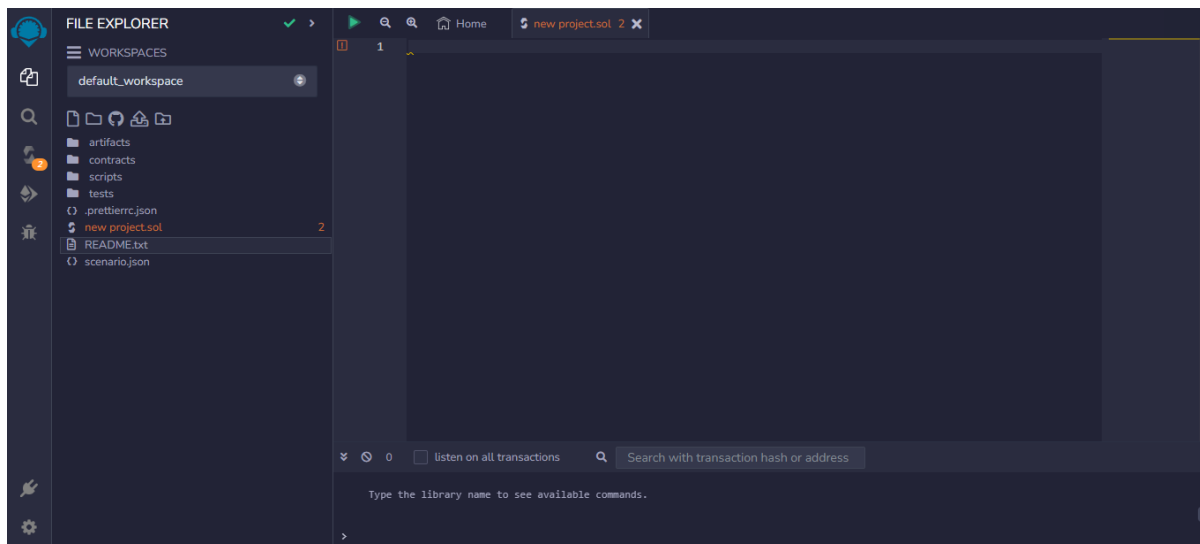
ASSIGNMENT -1

NAME	GOWSALYA.S
PROJECT NAME:	VACCINE TRACKING-TRANSPARENT
TEAM ID	NM2023TMID01594

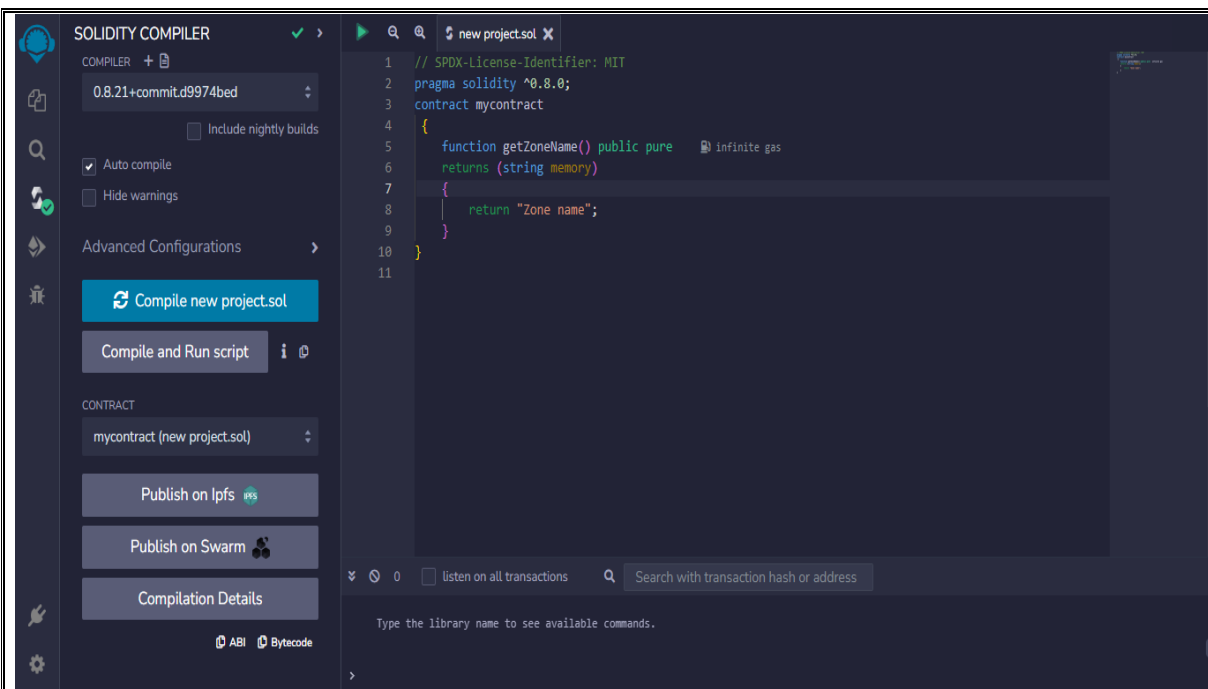
1.Go to the chrome and open remix platform



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:

608060405234801561001057600080fd5b50610173806100206000396000f3fe60806040523
4801561001057600080fd5b506004361061002b5760003560e01c8063235ed70f1461003057
5b600080fd5b61003861004e565b604051610045919061011b565b60405180910390f35b60
606040518060400160405280600981526020017f5a6f6e65206e616d650000000000000000
00000000000000000000000000000000000815250905090565b600081519050919050565b6000828
25260208201905092915050565b60005b838110156100c5578082015181840152602081019
0506100aa565b60008484015250505050565b6000601f19601f8301169050919050565b6000
6100ed8261008b565b6100f78185610096565b93506101078185602086016100a7565b6101
10816100d1565b840191505092915050565b60006020820190508181036000830152610135
81846100e2565b90509291505056fea2646970667358221220de928d37c2ccf4326108d8d4c
e3e44d787cfd0b8ee72b632f0e5d1f9bb28622a64736f6c63430008120033

5.Finally Deploy it to display the output

The screenshot displays the Remix IDE interface. On the left sidebar, the 'DEPLOY & RUN TRANSACTIONS' panel is active, showing the contract 'mycontract - new project.sol' and a 'Deploy' button. Below it, the 'Transactions recorded' and 'Deployed Contracts' sections are visible. The 'Deployed Contracts' section shows the contract 'MYCONTRACT AT 0XD91...39138' with a 'getZoneName' button. The 'Low level interactions' section shows the 'CALLDATA' field.

The main editor area displays the Solidity code for 'mycontract.sol':

```
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
```

The bottom panel shows the 'CALL' details for the transaction. The 'from' field is '0x58380a6a701c568545dcfc803fc875f56beddc4'. The 'to' field is 'mycontract.getZoneName() 0xd9145cc520386f254917e481e84e9943f39138'. The 'execution cost' is '715 gas (Cost only applies when called by a contract)'. The 'input' is '0x235...ed70f'. The 'decoded input' is '()'. The 'decoded output' is '{ "0": "string: Zone name" }'. The 'logs' field is '[]'.