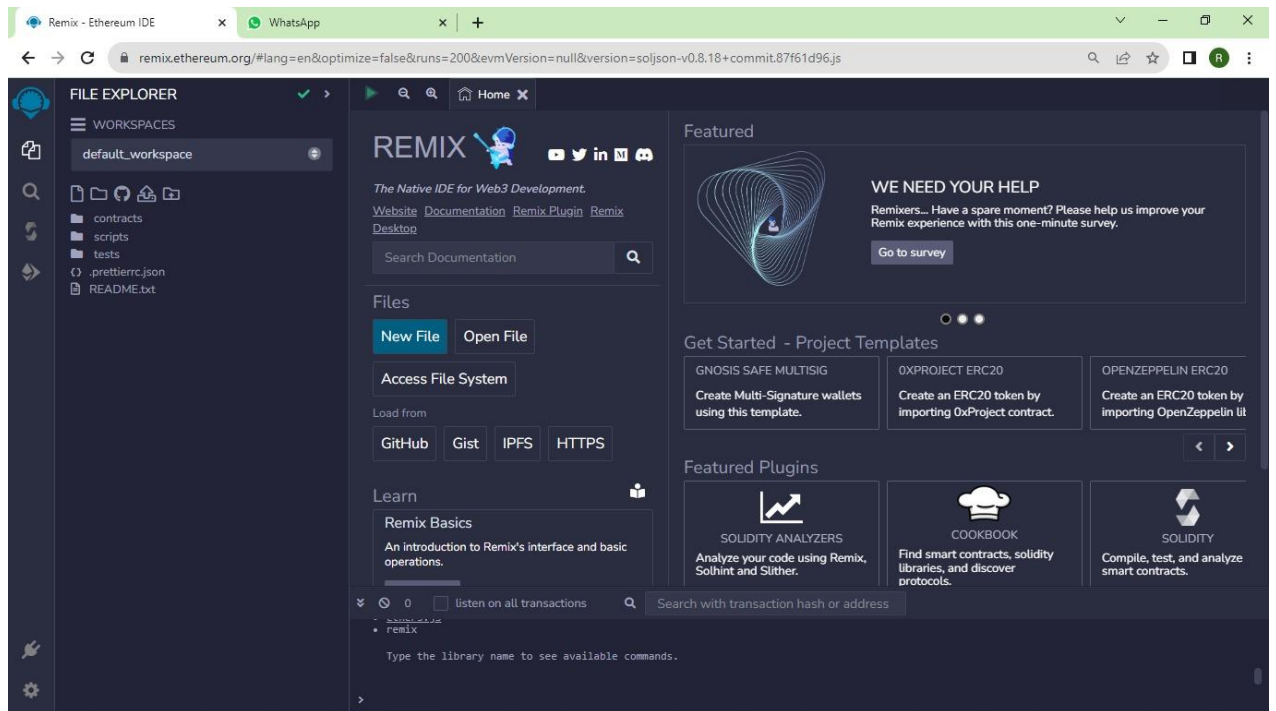


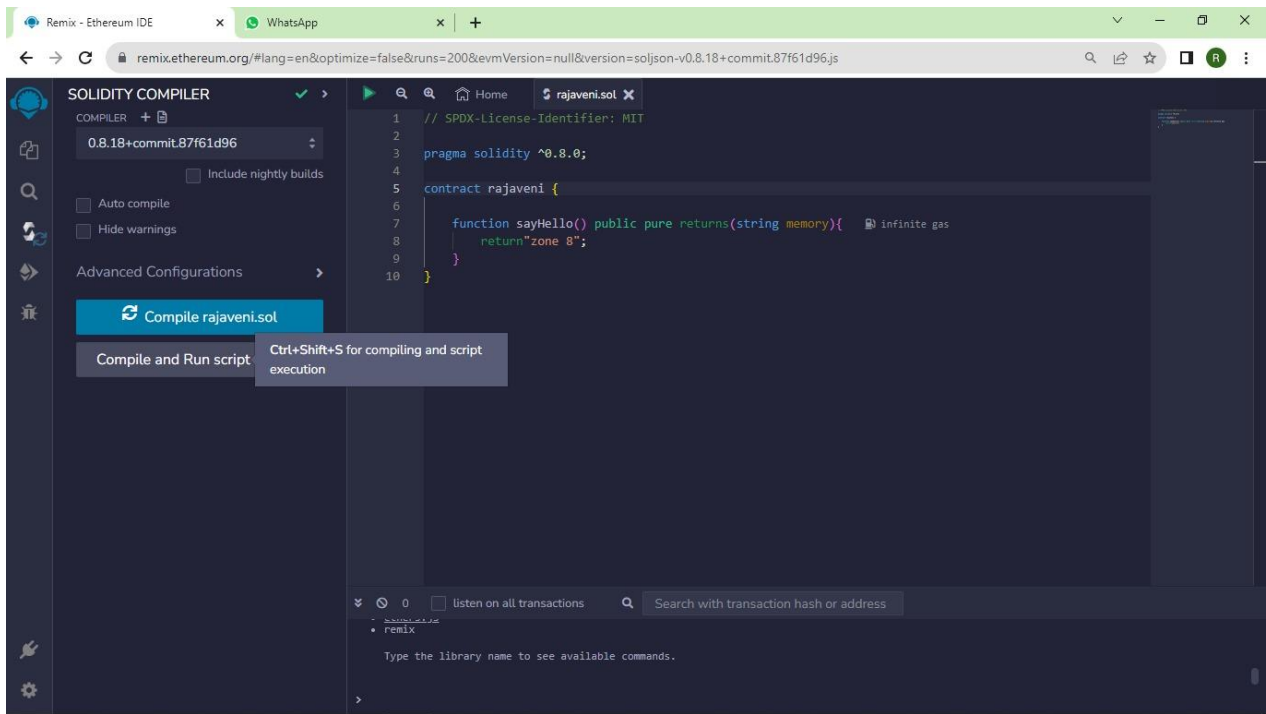
ASSIGNMENT -1

NAME	RAJAVENI
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING
TEAM ID	A3E55C69D0AE3FB986 B46D6

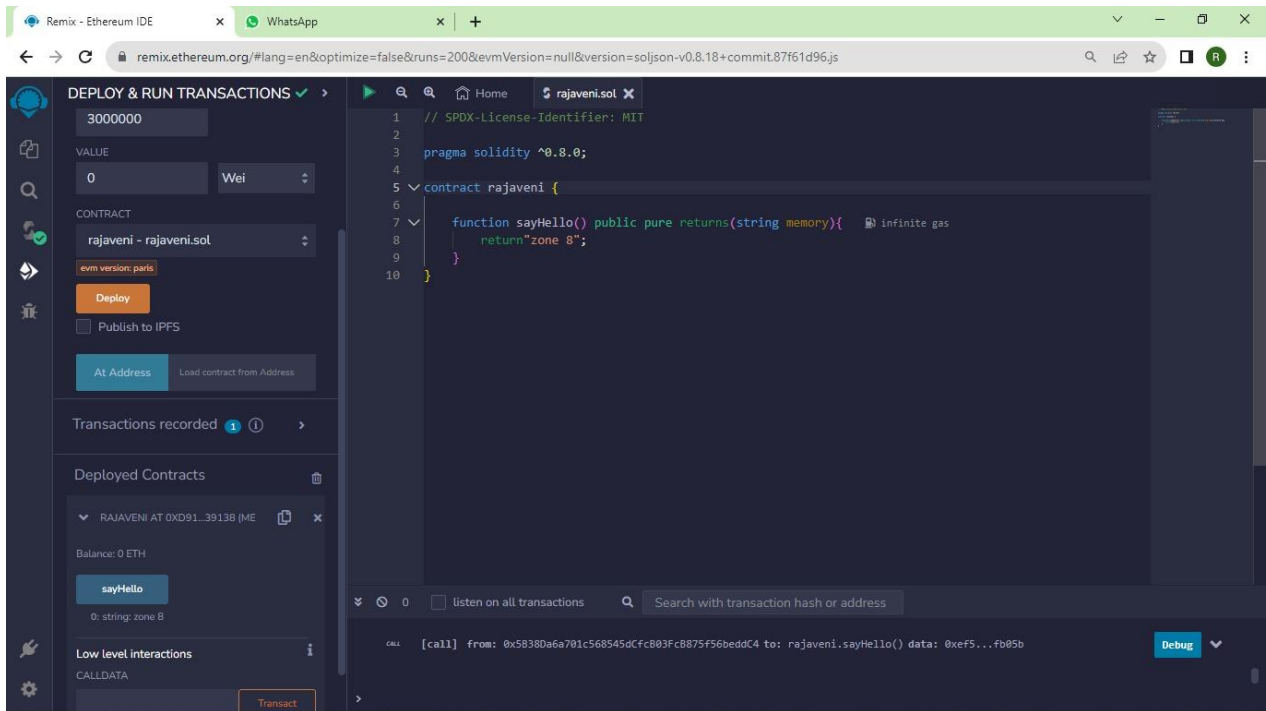
1. Go to the chrome and open remix platform
2. Open the remix



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:

```
608060405234801561001057600080fd5b50610173806100206000396000f3fe6080604052348015
61001057600080fd5b506004361061002b5760003560e01c8063235ed70f14610030575b600080fd5
b61003861004e565b604051610045919061011b565b60405180910390f35b606060405180604001
60405280600981526020017f5a6f6e65206e616d650000000000000000000000000000000000
0000000815250905090565b600081519050919050565b600082825260208201905092915050565
b60005b838110156100c55780820151818401526020810190506100aa565b600084840152505050
50565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f7818561009656
5b93506101078185602086016100a7565b610110816100d1565b840191505092915050565b60006
02082019050818103600083015261013581846100e2565b90509291505056fea264697066735822
1220de928d37c2ccf4326108d8d4ce3e44d787cfd0b8ee72b632f0e5d1f9bb28622a64736f6c6343000
8120033
```

5. Finally Deploy it to display the output

The screenshot displays the Remix Ethereum IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' panel shows the contract 'rajaveni - rajaveni.sol' being deployed with a value of 0 Wei. The 'Deployed Contracts' section shows the contract is deployed at address 0xD91...39138. The 'Low Level Interactions' section shows the 'sayHello' function being called, returning the string 'zone 8'. The main editor shows the Solidity code for the 'rajaveni' contract, which includes a 'sayHello' function that returns 'zone 8'. The bottom panel shows the transaction logs, including the constructor call and subsequent 'sayHello' function calls.