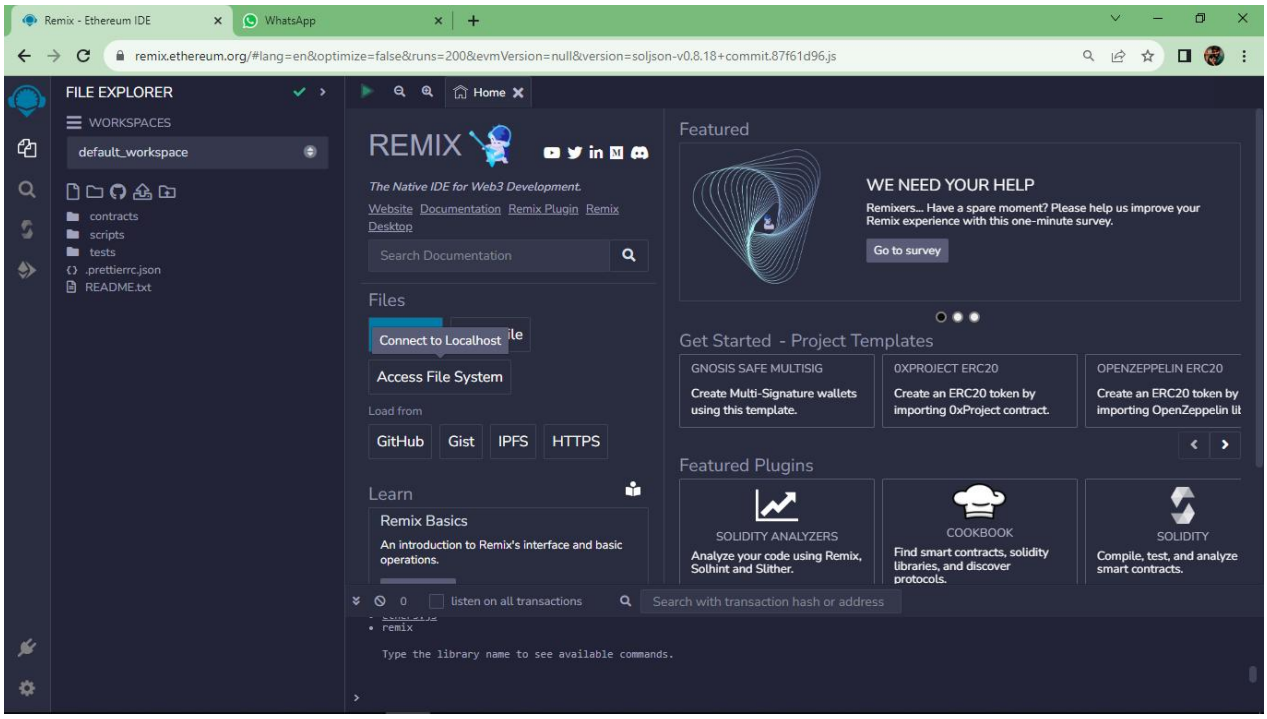
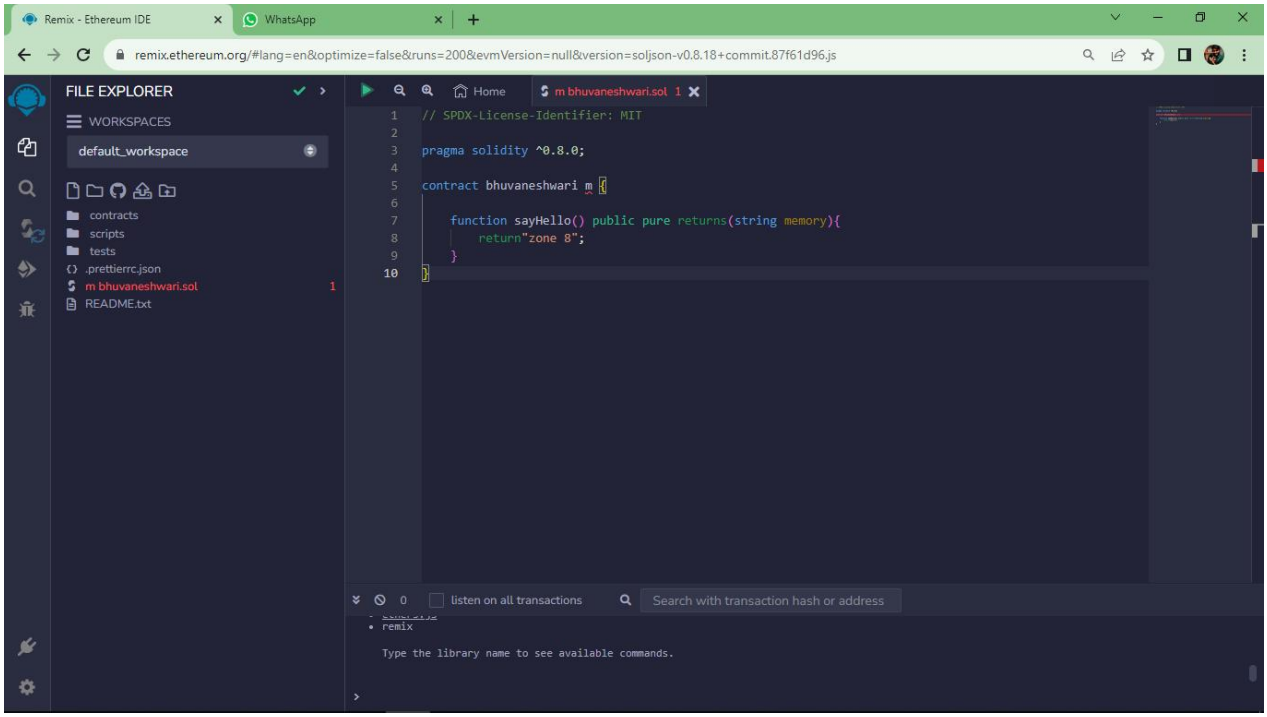
ASSIGNMENT -1

NAME	M BHUVANESHWARI
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING

1. Go to the chrome and open remix platform



2.Open the remix page and create new file

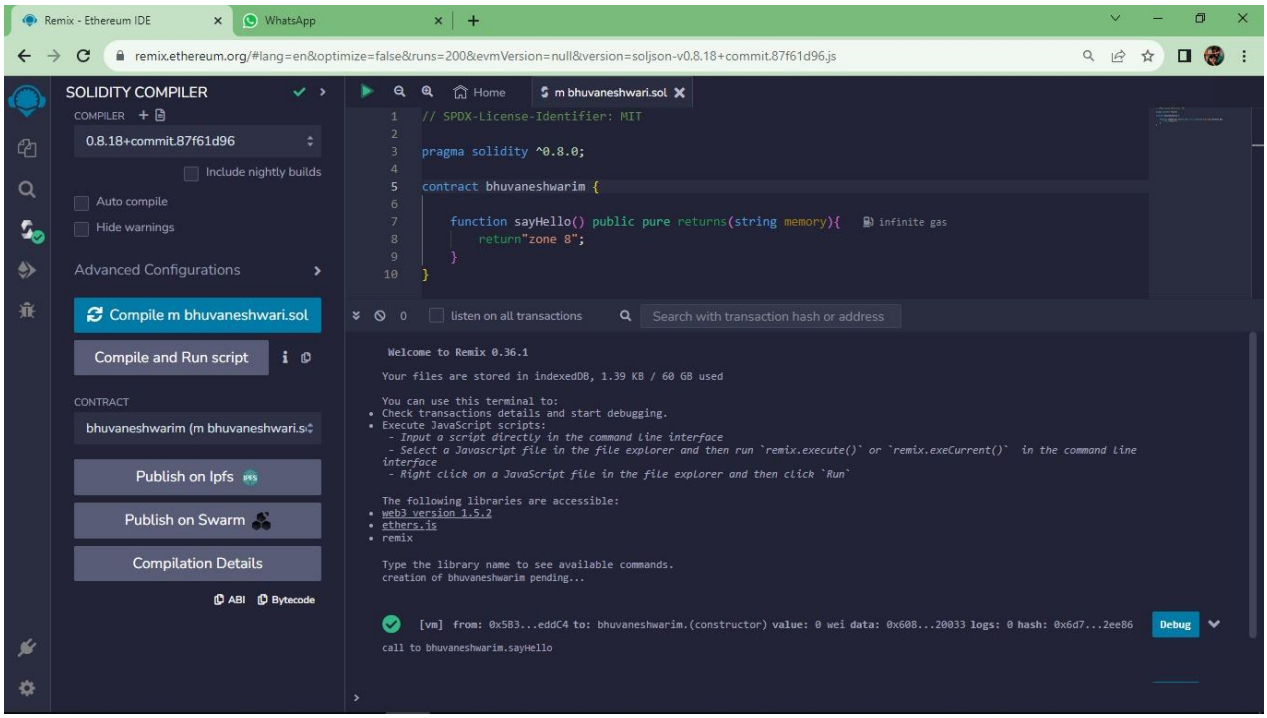

Remix - Ethereum IDE
WhatsApp
remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js
FILE EXPLORER
WORKSPACES
default_workspace
contracts
scripts
tests
.prettierrc.json
m bhuvaneshwari.sol 1
README.txt
Home
m bhuvaneshwari.sol 1
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract bhuvaneshwari m {
function sayHello() public pure returns(string memory){
return"zone 8";
}
}
listen on all transactions
Search with transaction hash or address
remix
Type the library name to see available commands.

3In 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 ABIand Bytecode

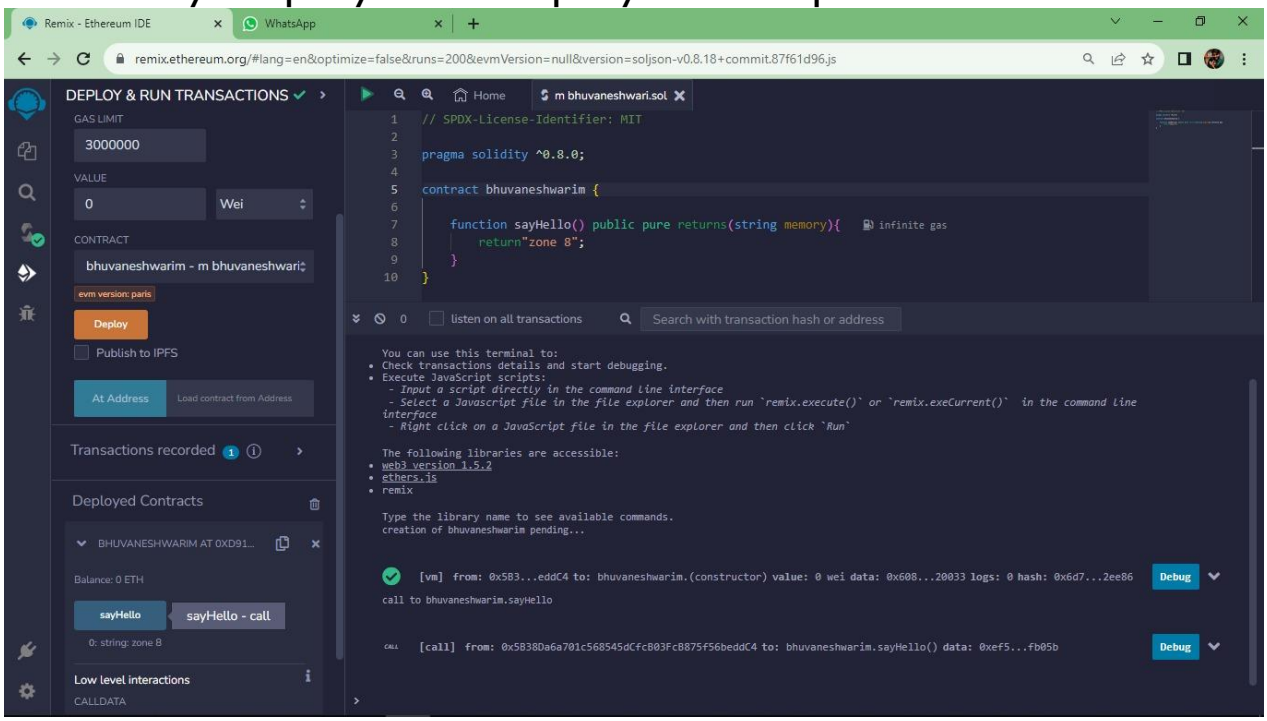


ABI:


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


BYTECODE:


```
6080604052348015610010576000080fd5b50610173806100206000396000f3fe6080604052348015
61001057600080fd5b506004361061002b5760003560e01c8063235ed70f14610030575b600080fd5
b61003861004e565b604051610045919061011b565b60405180910390f35b606060405180604001
60405280600981526020017f5a6f6e65206e616d65000000000000000000000000000000000000000
00000000815250905090565b600081519050919050565b600082825260208201905092915050565
b60005b838110156100c55780820151818401526020810190506100aa565b600084840152505050
50565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f7818561009656
5b93506101078185602086016100a7565b610110816100d1565b840191505092915050565b60006
02082019050818103600083015261013581846100e2565b90509291505056fea264697066735822
1220de928d37c2ccf4326108d8d4ce3e44d787cfd0b8ee72b632f0e5d1f9bb28622a64736f6c6343000
8120033
```


5.Finally Deploy it to display the output