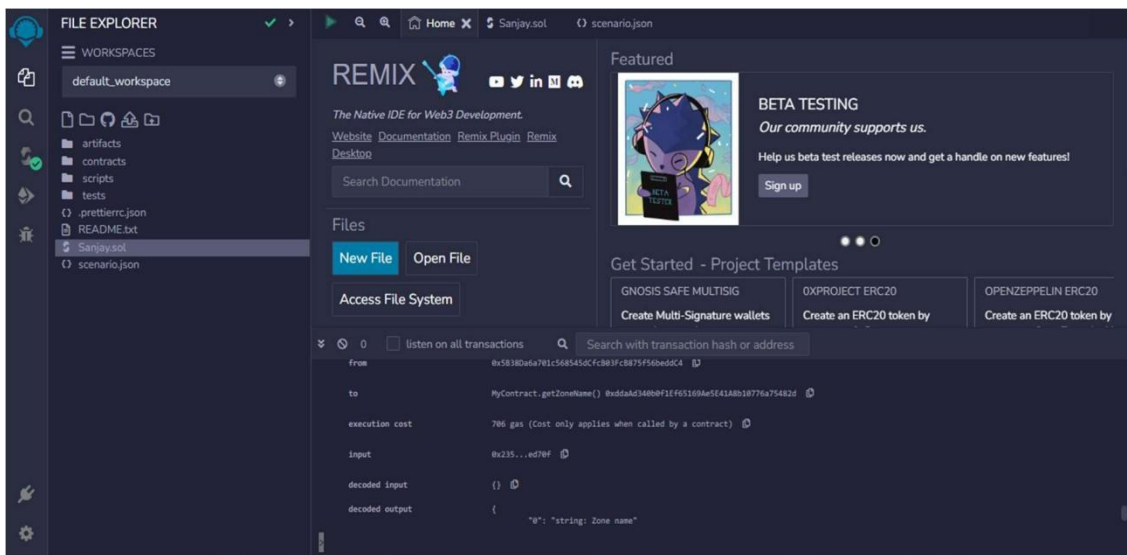


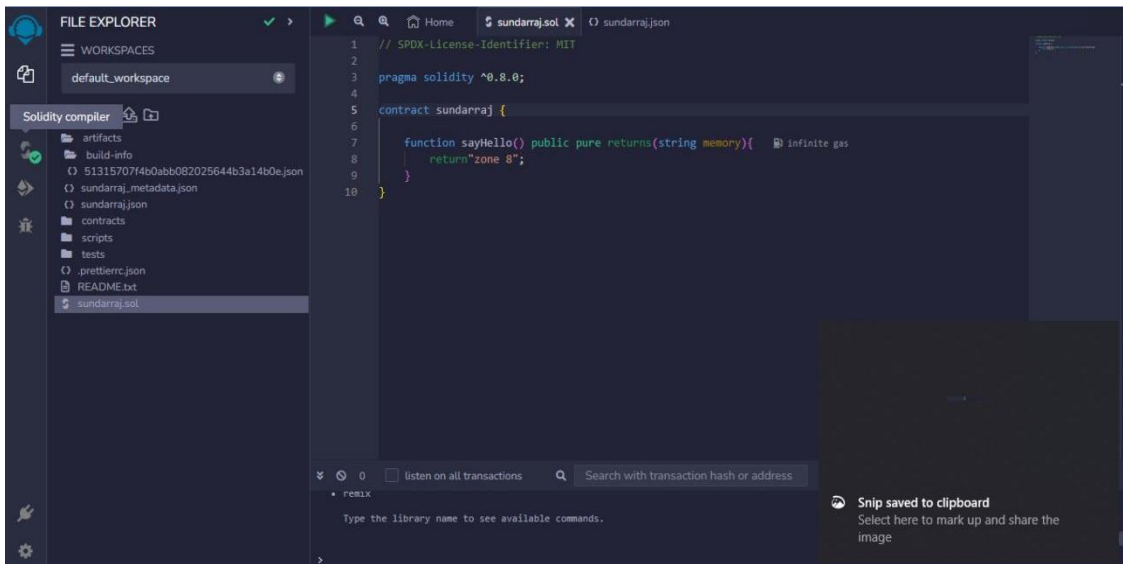
# ASSIGNMENT -1

NAME	AVANTHI S
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING
TEAM ID	NM2023TMID00953

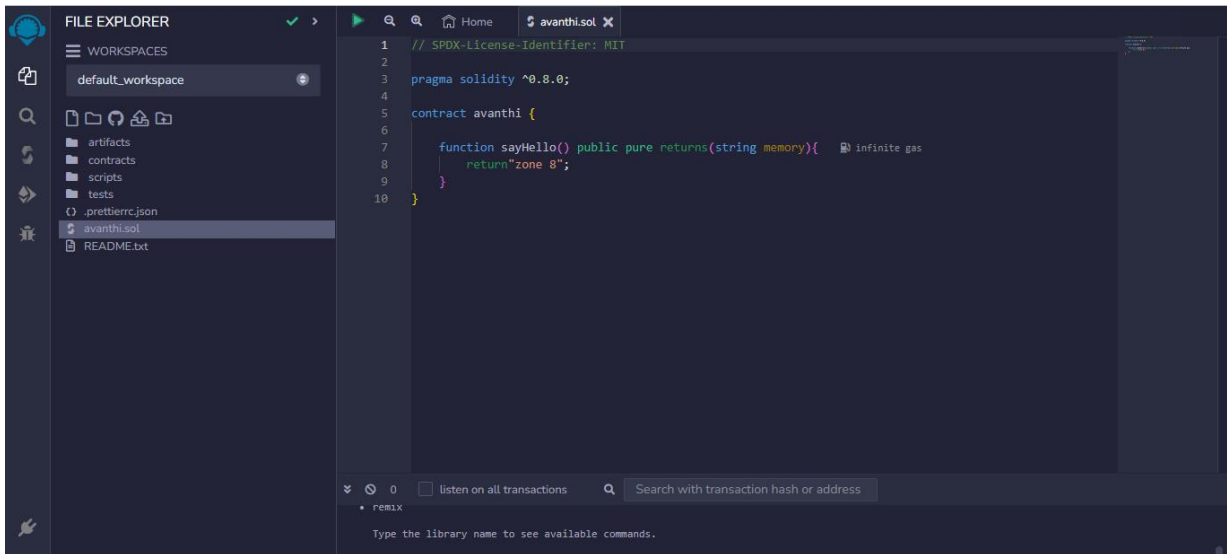
1. Go to the chrome and open remix platform



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 ava {
    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:

```
608060405234801561001057600080fd5b50610173806100206000396000f3fe608060
405234801561001057600080fd5b506004361061002b5760003560e01c8063ef5fb05b
14610030575b600080fd5b61003861004e565b6040516100459190610111b565b60405
180910390f35b60606040518060400160405280600681526020017f7a6f6e652038000
0000000000000000000000000000000000000000000000000000000000000000815250905090565b6000
81519050919050565b600082825260208201905092915050565b60005b83811015610
0c55780820151818401526020810190506100aa565b60008484015250505050565b60
00601f19601f8301169050919050565b60006100ed8261008b565b6100ff78185610096
565b93506101078185602086016100a7565b610110816100d1565b840191505092915
050565b6000602082019050818103600083015261013581846100e2565b9050929150
5056fea26469706673582212205bb590032ecfa02d3208d0eb823ef321abf7cdd5ef4908
96e45380c18730dd2e64736f6c63430008120033
```

## 5. Finally Deploy it to display the output

The screenshot displays the Remix IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' panel shows the contract 'avanthi.sol' deployed at address 0x091...39138. The 'sayHello' function is visible with its output '0: string: zone 8'. The main editor shows the Solidity code for the 'avanthi' contract, which includes a 'sayHello' function that returns the string 'zone 8'. The bottom panel shows the transaction history, including the deployment transaction and a subsequent call to 'sayHello'.