Assignment 1
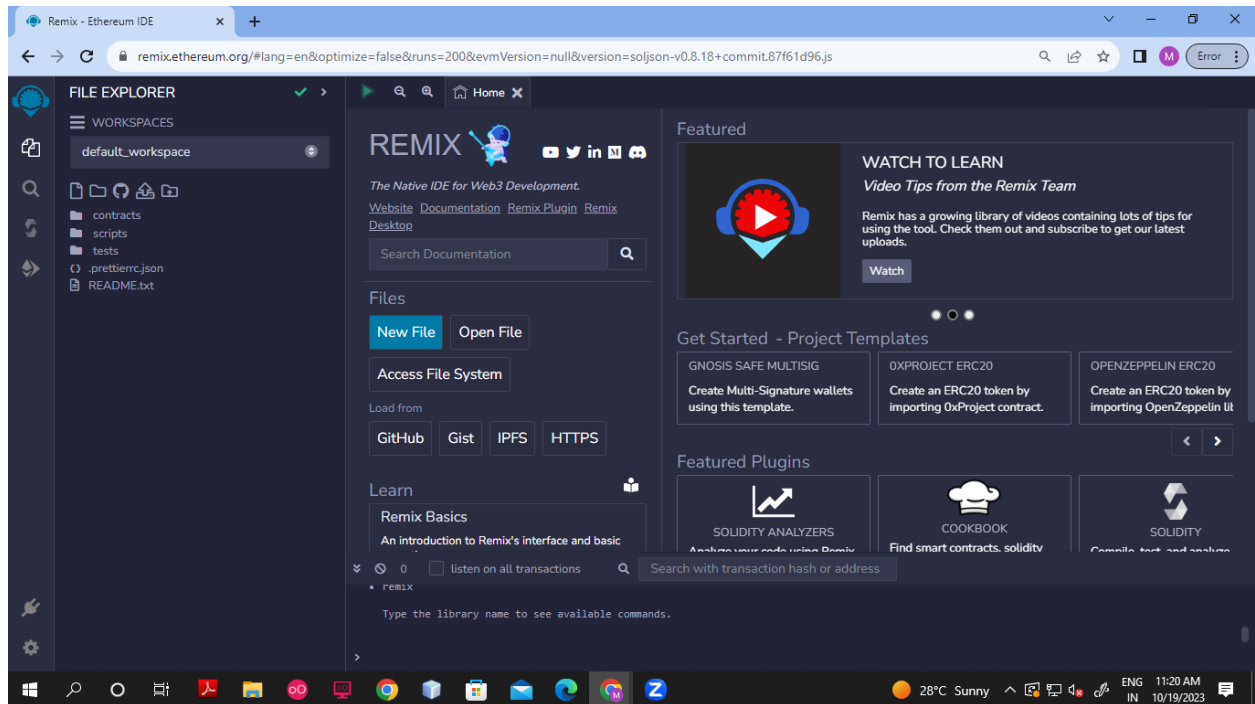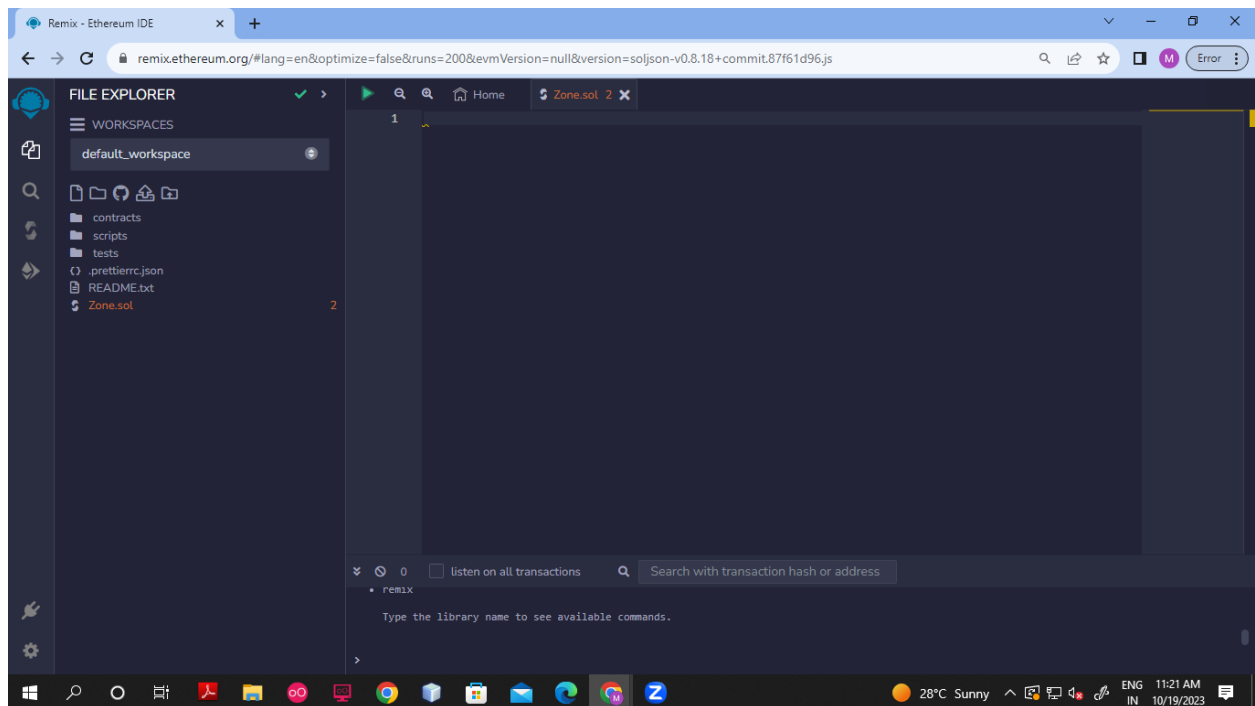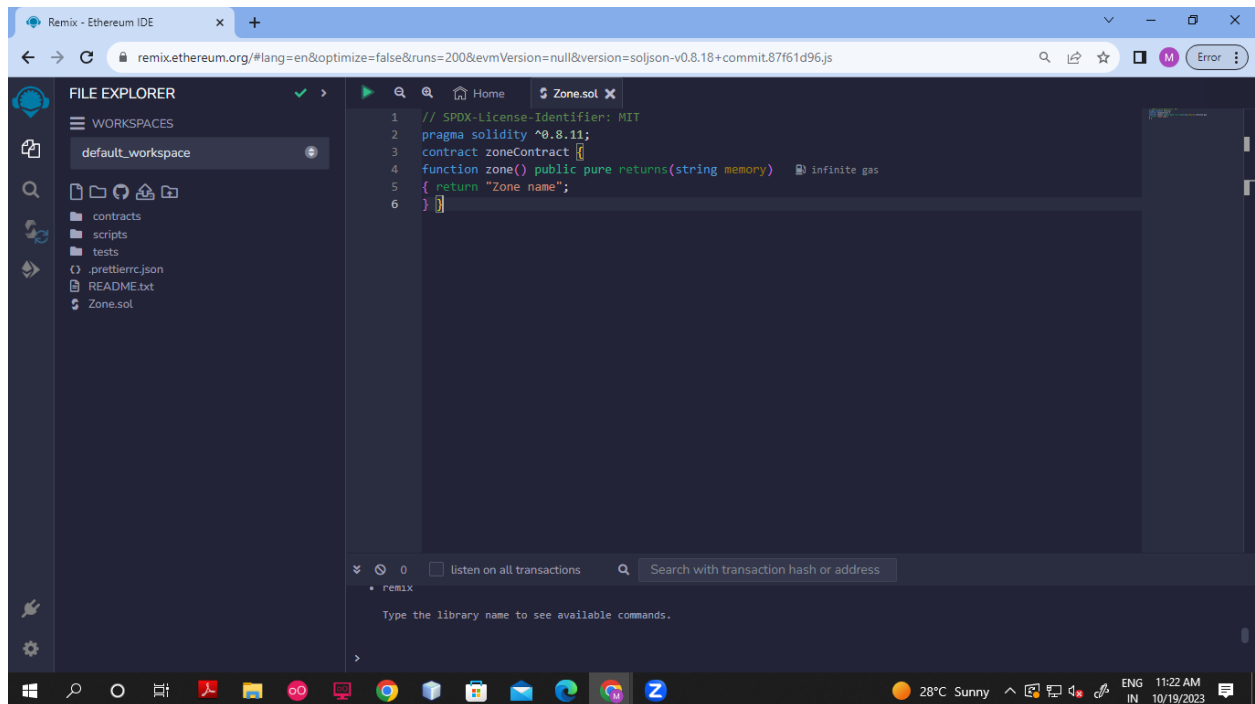
1.Go to the chrome and open remix platform

2.Open the remix page and create a new file

3. Create a program to return your string,"Zone name" in the created file

Program

// SPDX-License-Identifier: MIT

pragma solidity ^0.8.11;

contract zoneContract {

function zone() public pure returns(string memory)

{ return "Zone name";

} }

4.Save the program and compile it to get the ABI

and Bytecode
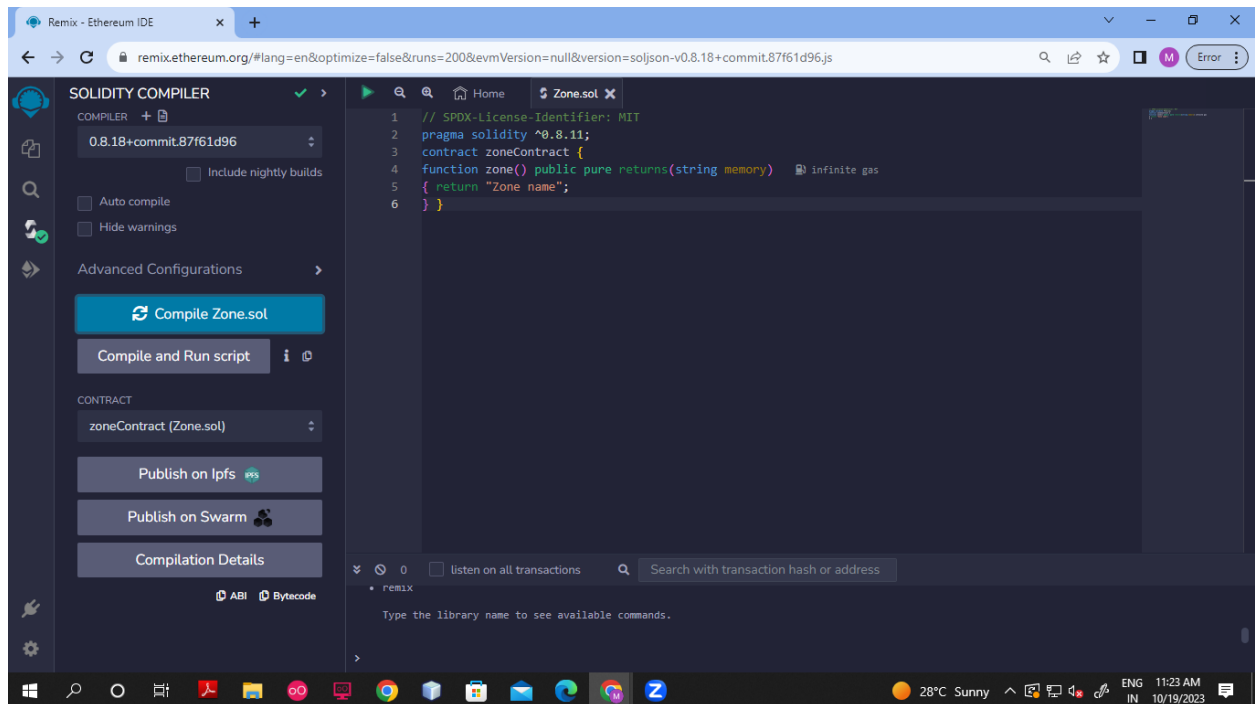
ABI

[

    {

       "inputs": [],

       "name": "zone",

       "outputs": [

          {

             "internalType": "string",

             "name": "",

             "type": "string"

          }

       ],

```
            "stateMutability": "pure",

            "type": "function"

        }

]
```
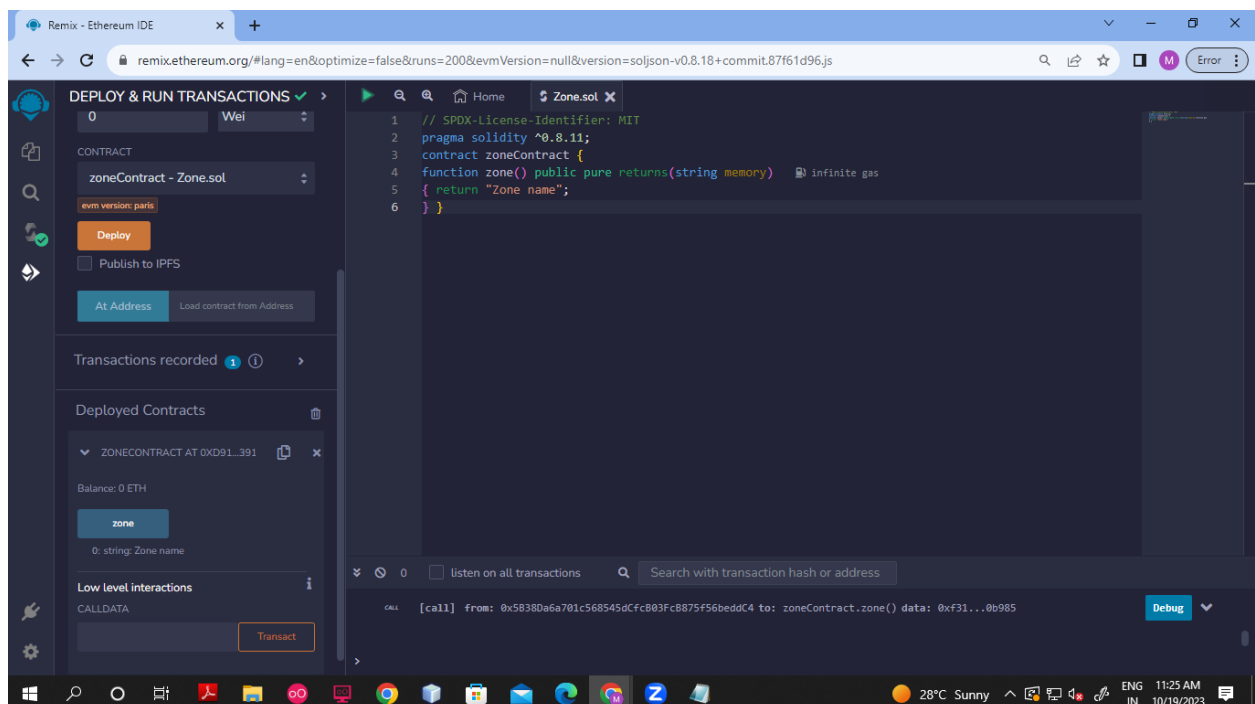
BYTECODE

608060405234801561001057600080fd5b5061017380610020600039600 f3fe608 0604052348015610010576000080fd5b506004361061002b5760003560e01c8063f3 10b98514610030575b600080fd5b61003861004e565b604051610045919061011b5 65b60405180910390f35b6060604051806040016040528060098152602001 7f5a6f 6e65206e616d65000000000000000000000000000000000000000000008152509 05090565b6000815190509190505565b600082825260208201905092915050565b6 0005b838110156100c557808201518184015260208101905061 00aa565b6000 8484 015250505050565b6000601f19601f83011690509190505565b60006100ed8261008 b565b6100f78185610096565b9350610107818560208601 6100a7565b6101108161 00d1565b840191505092915050565b600060208201905081810360008301526101 3581846100e2565b90509291505056fea264697066735822122012f90c7216015a73 d53a0f54ccc334bbcf9ac652518306a00b07a13f37172a4664736f6c6343000812003 3

5. Finally Deploy it to display the output :

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