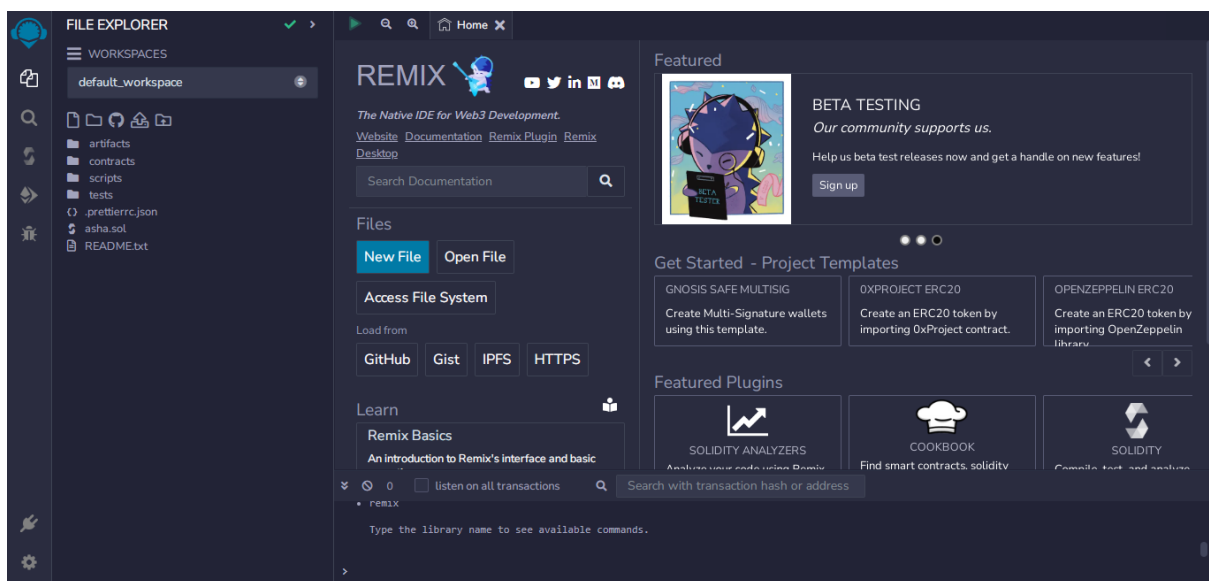


ASSIGNMENT -1

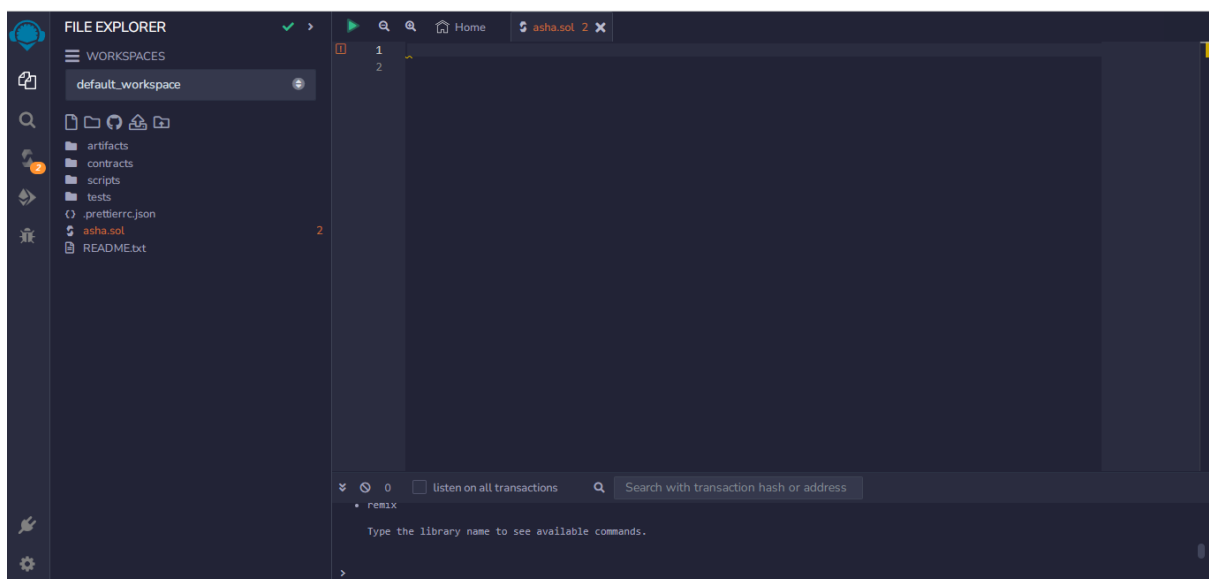
Q re

NAME	ASHA.K
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING
TEAM. ID	NM2023TMID00959

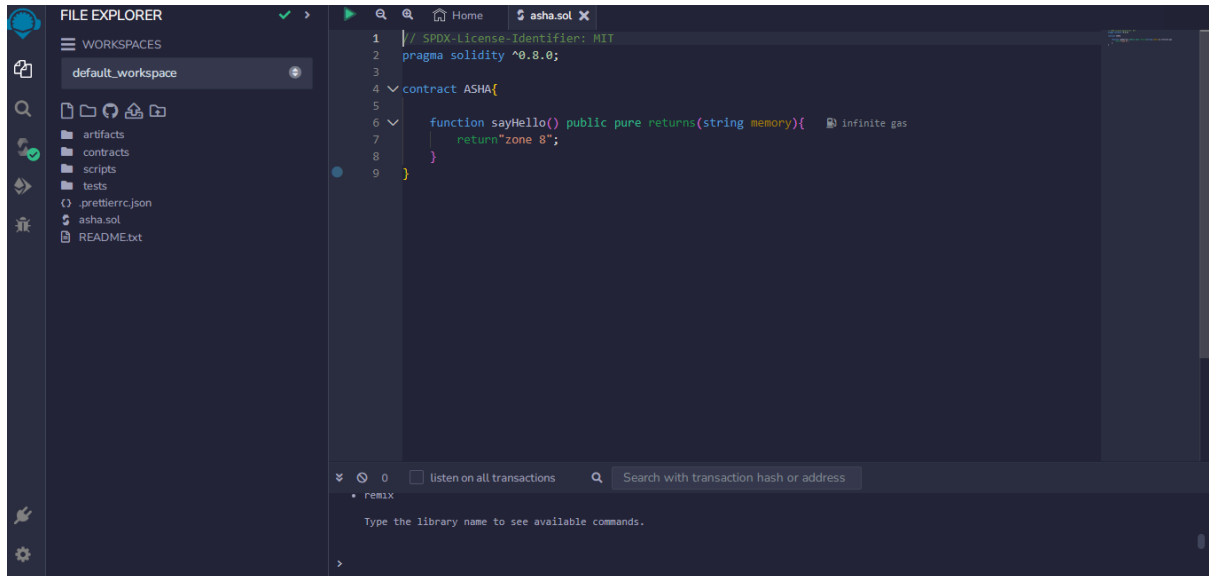
1.Go to the chrome and open remix platform



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 ASHA{

    function sayHello() public pure returns(string memory){
        return "zone 8";
    }
}
```

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

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

[illegible]

DEPLOY & RUN

TRANSACTIONS

0x5B3...eddC4 (99.9999999%) 📄 🔍

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

ASHA - asha.sol

evm version: london

Deploy

☐ Publish to IPFS

At Address Load contract from Address

Transactions recorded 2 🔍 ➔

Deployed Contracts

ASHA AT 0xD91...39138 (MEMO) 📄 ✕

Balance: 0 ETH

sayHello

```

1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract ASHA{
5
6     ... function sayHello() public pure returns(string memory){
7         ... return "zone 8";
8     }
9 }
```

🔍 0 ☐ listen on all transactions 🔍 Search with transaction hash or address

CALL TO ASHA.sayHello

CALL [call] from: 0x5B38D06a701c568545dCfC8B3Fc8875F56beddC4 to: ASHA.sayHello() data: 0xef5...fb05b Debug

from 0x5B38D06a701c568545dCfC8B3Fc8875F56beddC4 🔍

to ASHA.sayHello() 0xd9145CCE520386f254917e481e844e9943f39138 🔍

execution cost 741 gas (Cost only applies when called by a contract) 🔍

input 0xef5...fb05b 🔍

decoded input {} 🔍

decoded output { "0": "string: zone 8" } 🔍

logs [] 🔍