ASSIGNMENT
-1

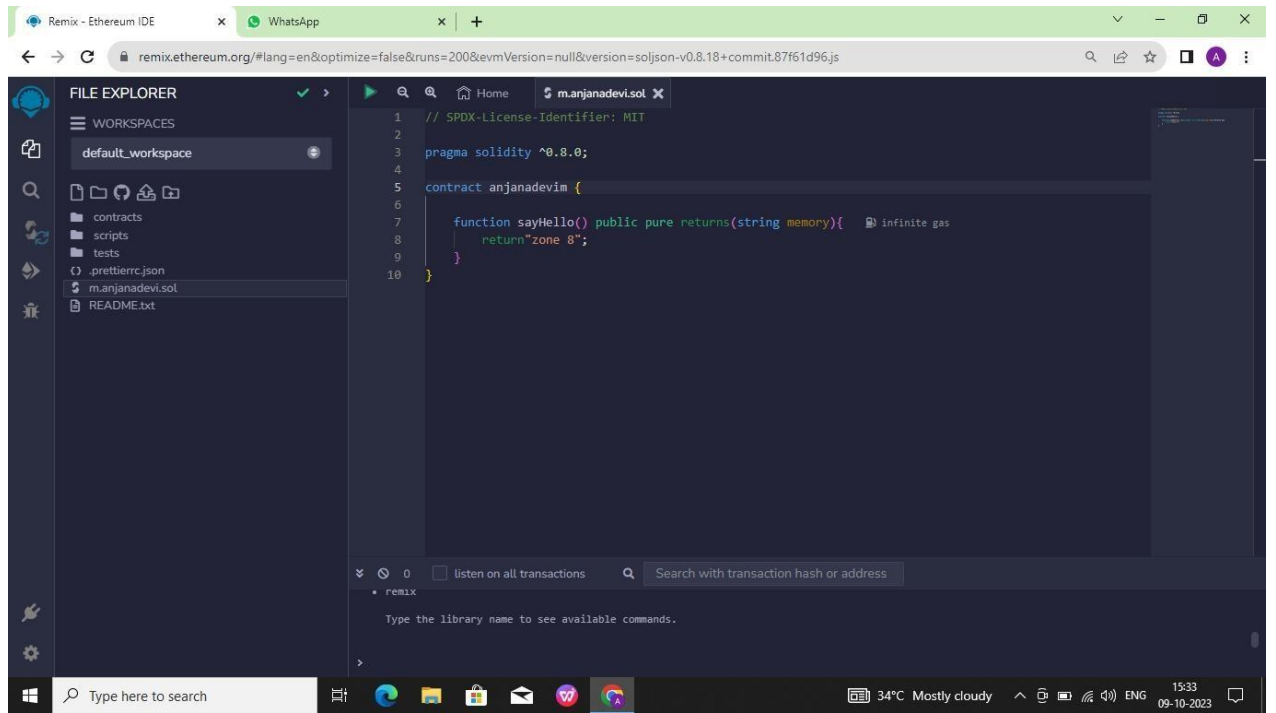| NAME	M.ANJANADEVI
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING
TEAM ID	NM2023TMID00959

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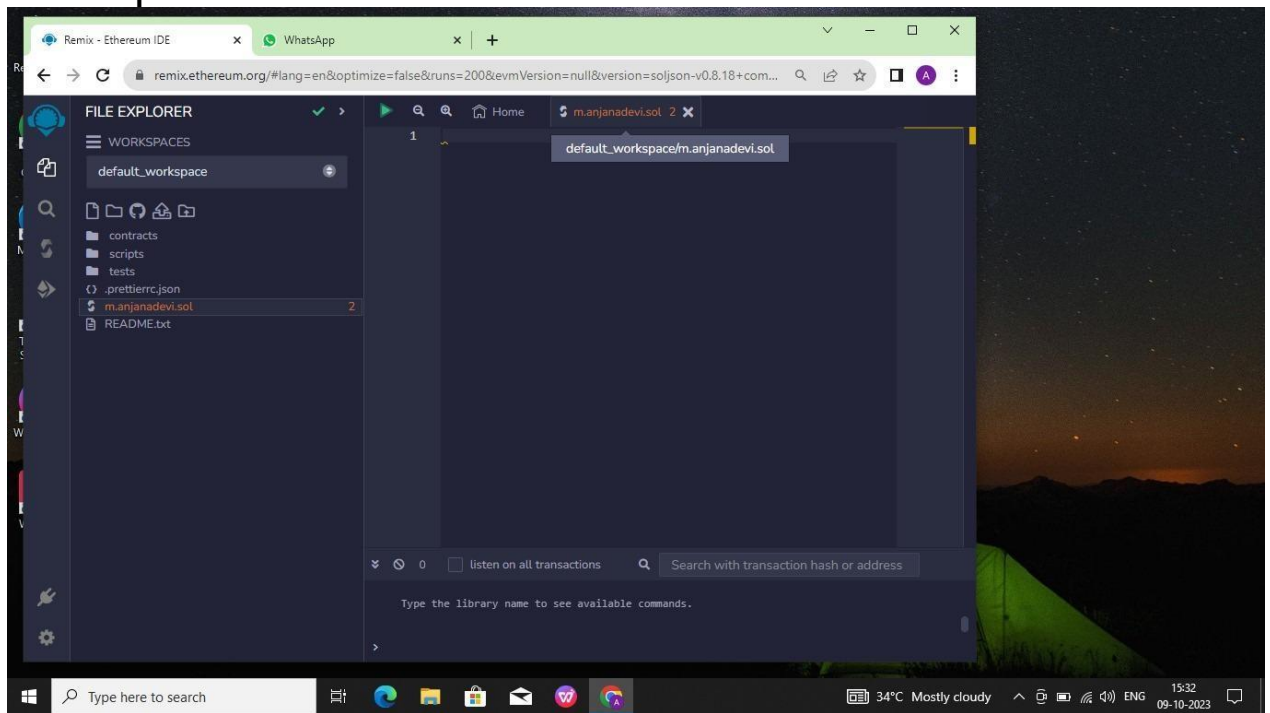
2. Open the remix

   page and create a newfile

FILE EXPLORER

WORKSPACES

default_workspace

contracts
scripts
tests
{} .prettierrc.json
m.anjanadevi.sol
README.txt

Home   m.anjanadevi.sol

```solidity
1  // SPDX-License-Identifier: MIT
2
3  pragma solidity ^0.8.0;
4
5  contract anjanadevim {
6
7      function sayHello() public pure returns(string memory){    infinite gas
8          return"zone 8";
9      }
10 }
```

0   listen on all transactions   Search with transaction hash or address

• remix

Type the library name to see available commands.

3. In that newly created file, create a program to return your string, "Zone name"
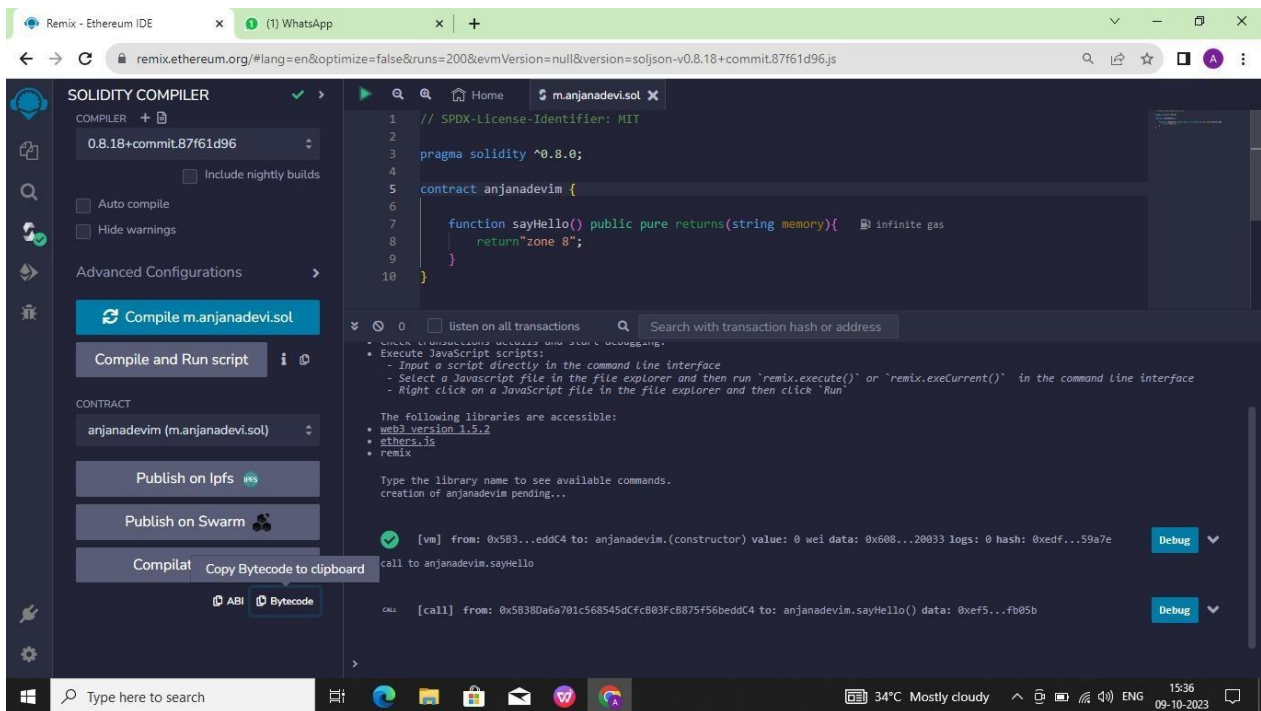
PROGRAM:

```solidity
// 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:

608060405234801561001057600080fd5b5061017380610020600039600 f3fe608060405234801561001057600080fd5b506004361061002b5760003560e01c8063235ed70f14610030575b600080fd5b61003861004e565b60405161004591906101 1b565b60405180910390f35b6060604051806040016040528060098152602001 7f5a6f6e6520e616d6500000000000000000000000000000000000000000000000 0000000008152509050905b6000815190509190505b600082825260208201905092915050565b60005b838110156100c55780820151818401526020810190506100aa565b60008484015250505050565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f78185610096565b9350610107818560208601610 0a7565b6101108161 00d1565b840191505092915050565b60006020820190508181036000830152610135818461 00e2565b90509291505056fea264697066735822 1220de928d37c2ccf4326108d8d4ce3e44d787cfd0b8ee72b632f0e5d1f9bb28622a64736f6c6343000 8120033

5. Finally Deploy it to display the output