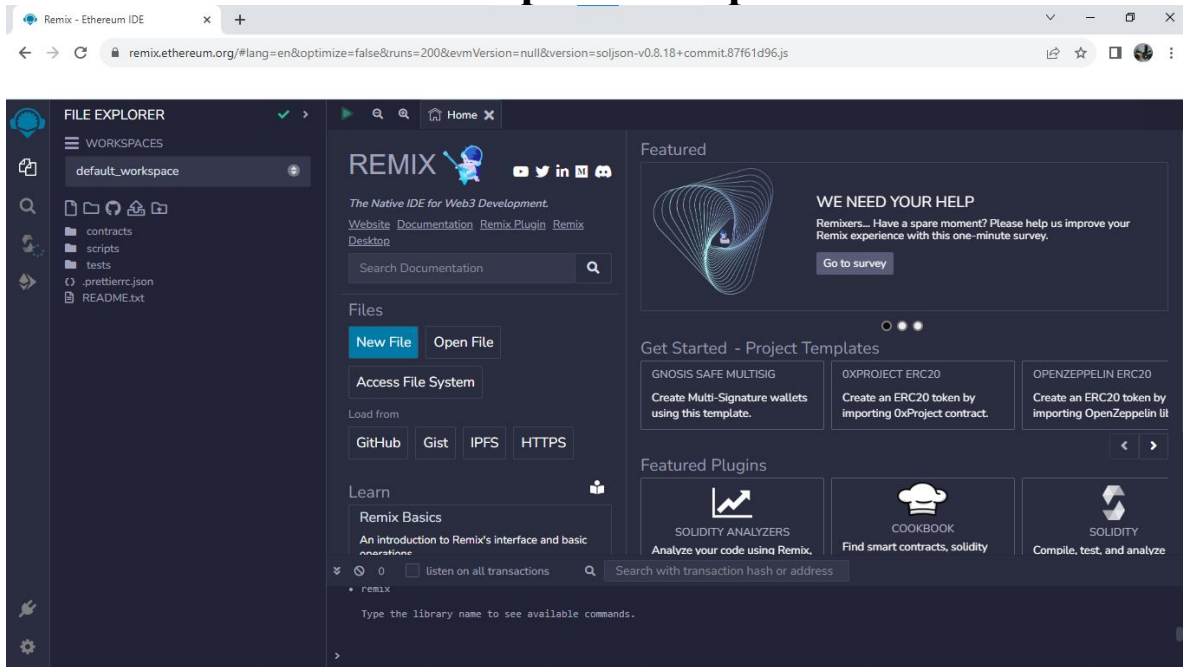


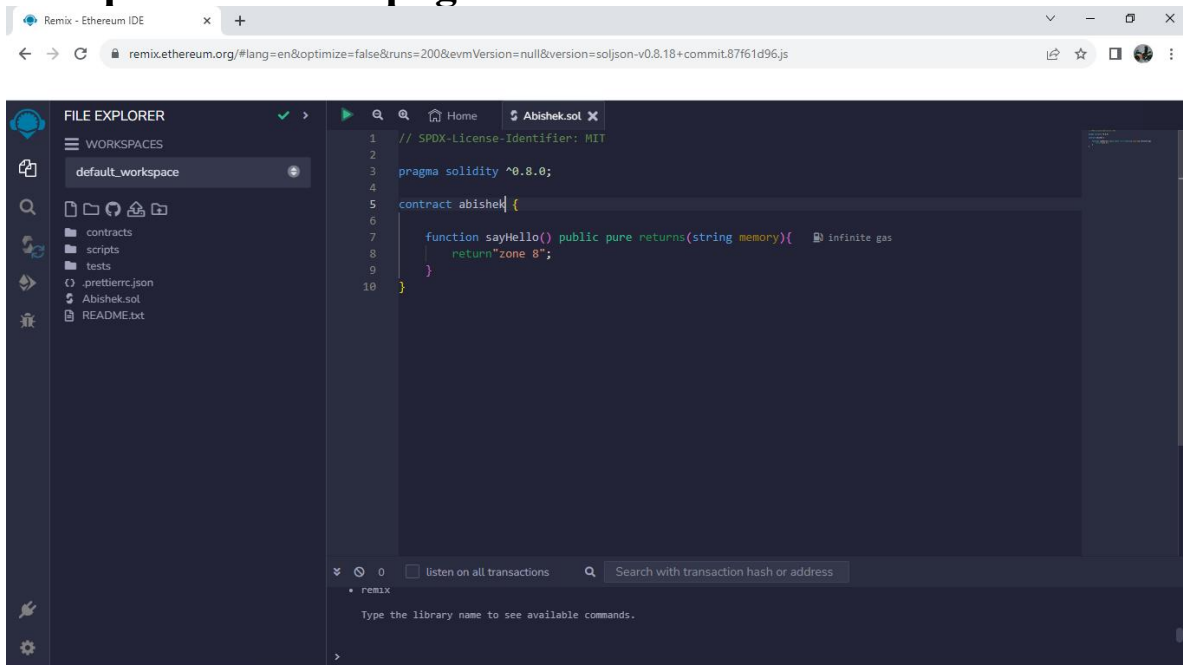
# ASSIGNMENT-1

NAME	Abishek.M
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING

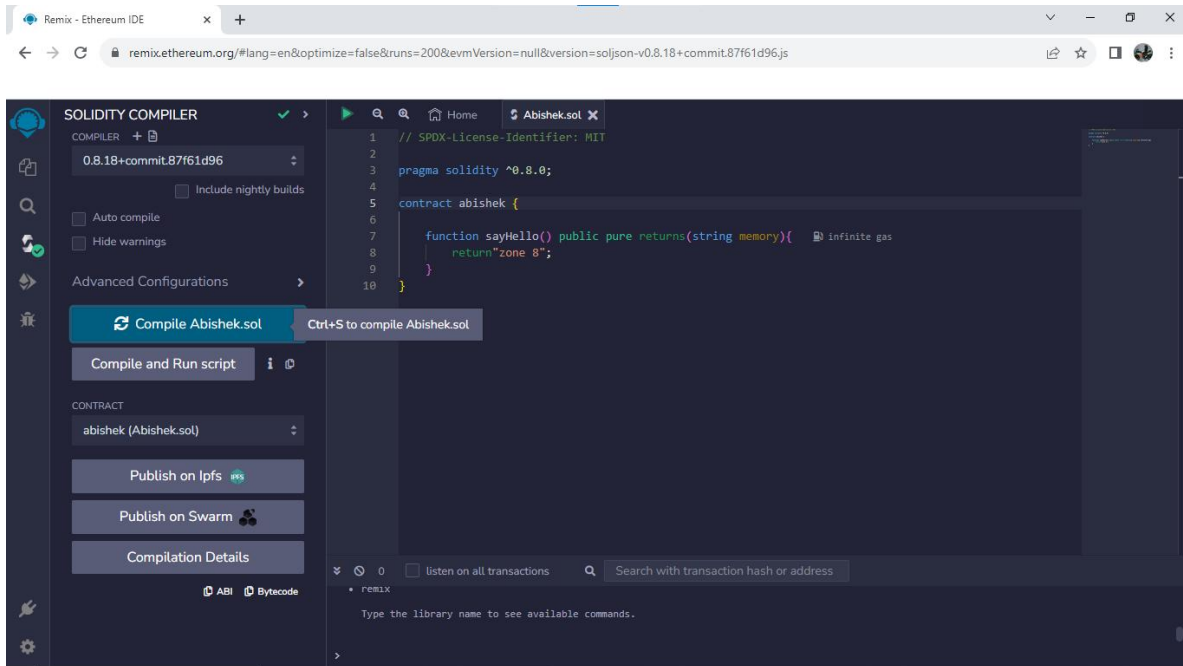
## 1.Go to the chrome and open remix platform



## 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 abishek {
    function getZoneName() public pure
    returns (string memory) {
        return "Zone name";
    }
}
```

### 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"
  }
]
```

608060405234801561001057600080fd5b50610173806100206000  
396000f3fe608060405234801561001057600080fd5b50600436106  
1002b5760003560e01c8063ef5fb05b14610030575b600080fd5b61  
003861004e565b604051610045919061011b565b60405180910390f  
35b60606040518060400160405280600681526020017f7a6f6e6520  
3800  
815250905090565b600081519050919050565b6000828252602082  
01905092915050565b60005b838110156100c55780820151818401  
526020810190506100aa565b60008484015250505050565b600060  
1f19601f8301169050919050565b60006100ed8261008b565b6100f  
78185610096565b93506101078185602086016100a7565b6101108  
16100d1565b840191505092915050565b600060208201905081810  
3600083015261013581846100e2565b90509291505056fea2646970  
667358221220baf59a7599b9a2e7c355a202f0bff8d4af7b6744f2167  
18cfb0cbce9e70516d664736f6c63430008120033

## 5.Finally Deploy it to display the output

The screenshot displays the Remix Ethereum IDE interface. The top bar shows the browser address: `remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js`.

**Left Panel (DEPLOY & RUN TRANSACTIONS):**

- CONTRACT:** `abishek - Abishek.sol`
- evm version:** `paris`
- Buttons:** `Deploy` (orange), `Publish to IPFS` (disabled), `At Address` (blue), `Load contract from Address` (disabled).
- Transactions recorded:** 1 (with info icon)
- Deployed Contracts:** `ABISHEK AT 0xD91...39138 (ME)`
  - Balance:** 0 ETH
  - sayHello:** `0: string: zone 8`
- Low level interactions:** `CALLDATA` (with `Transact` button)

**Center Panel (Code Editor):**

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

**Right Panel (Debug Console):**

- CALL [call] from:** `0x58380a6a701c568545dcfc803fc8875f56beddc4` to: `abishek.sayHello()` data: `0xef5...fb05b`
- from:** `0x58380a6a701c568545dcfc803fc8875f56beddc4`
- to:** `abishek.sayHello() 0xd9145CCE52D386F254937e481e84e9943F39138`
- execution cost:** 715 gas (Cost only applies when called by a contract)
- input:** `0xef5...fb05b`
- decoded input:** `()`
- decoded output:** `{ "0": "string: zone 8" }`
- logs:** `[]`

**Bottom Right Panel (Debug):** `Debug` button with an upward arrow.