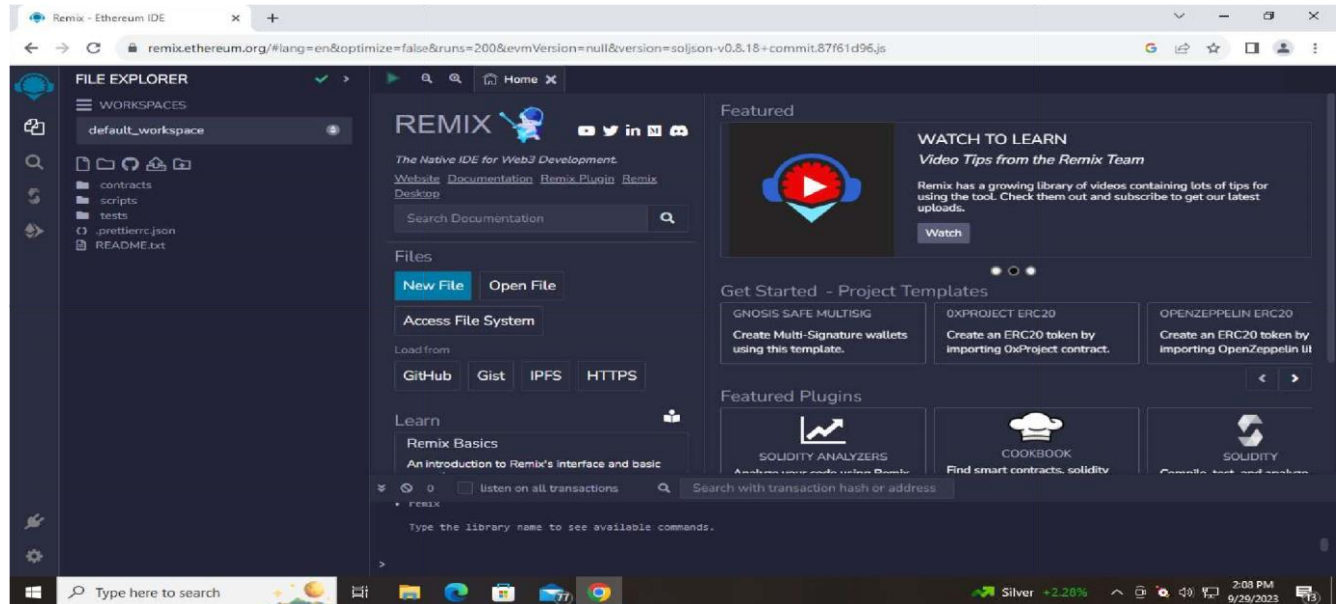


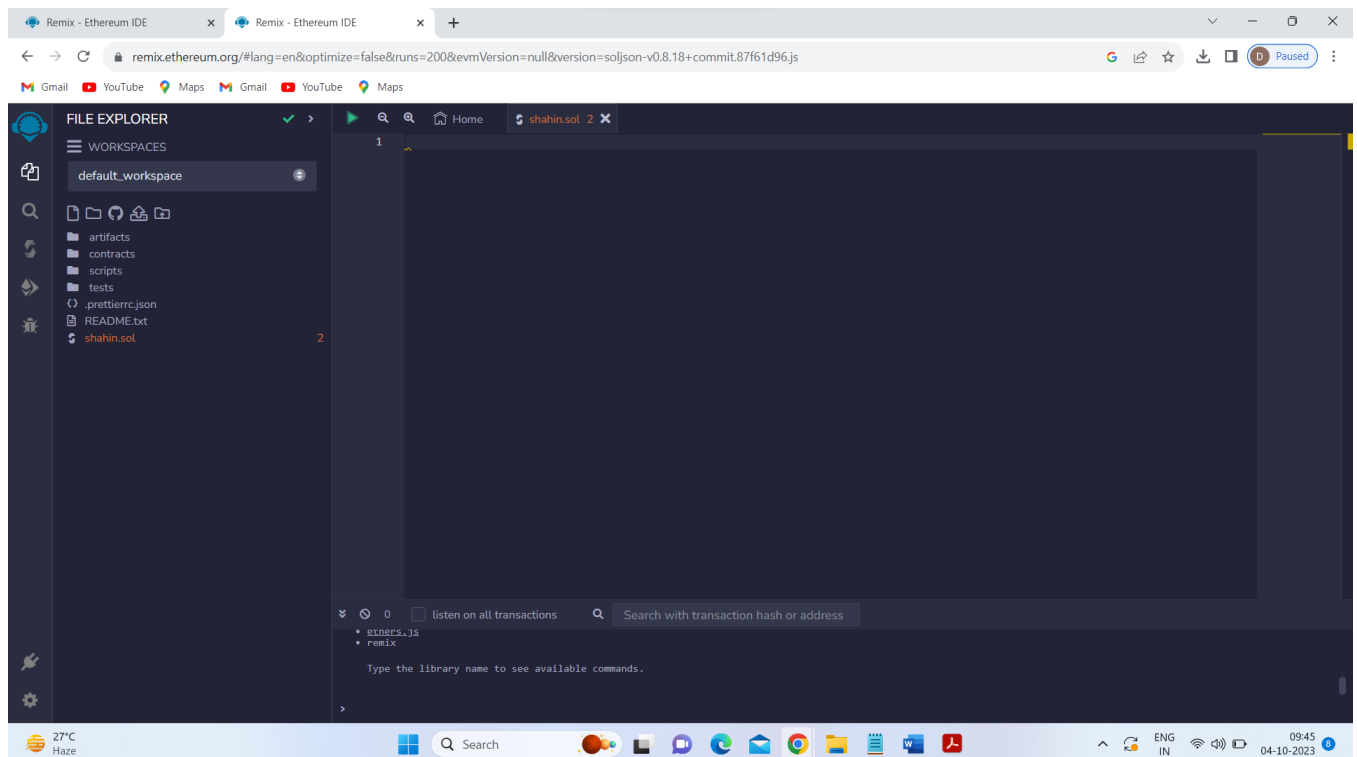
# BLOCKCHIAN TECHNOLOGY

## ASSIGNMENT-1

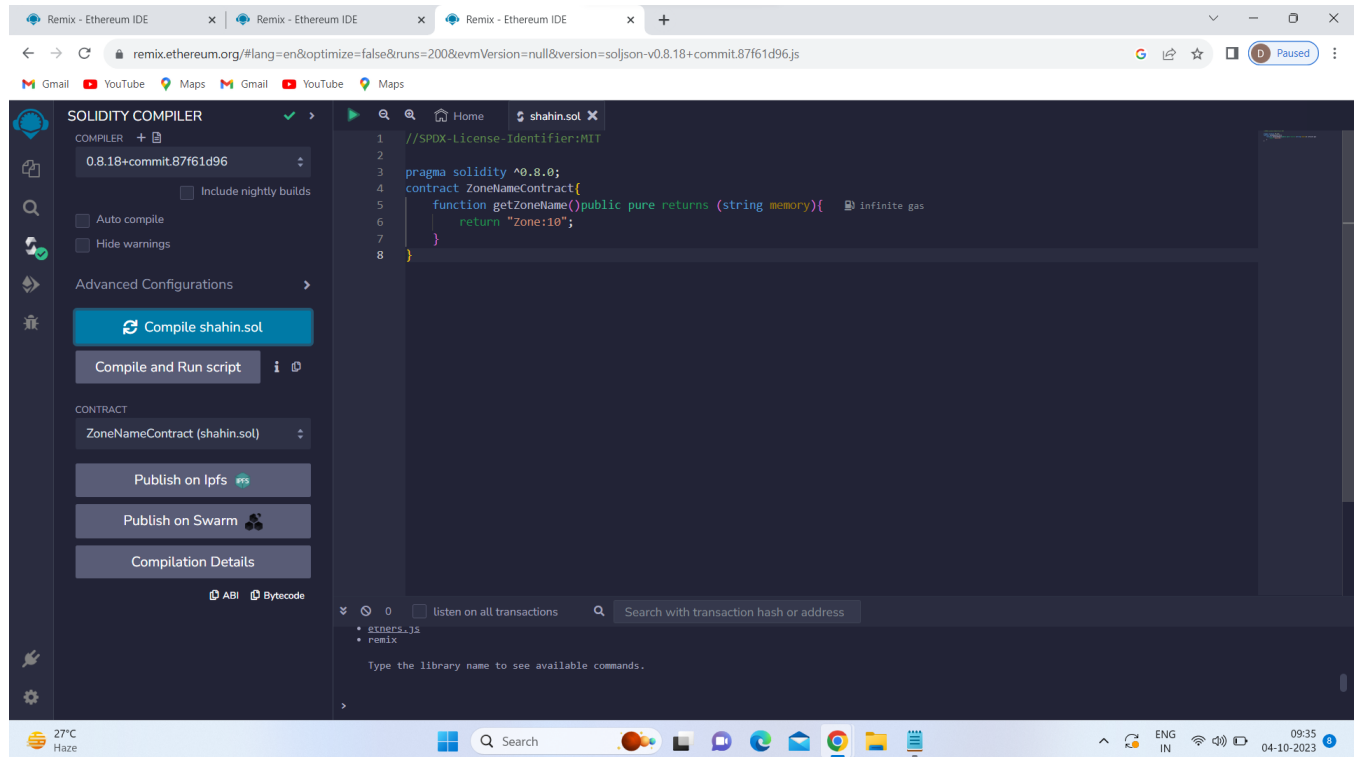
### 1.OPEN A REMIX PLATFORM:



### 2.CREATE A NEW FILE IN REMIX PLATFORM:



### 3.PROGRAM FOR RETURN STRING:



### 4.ABI AND BYTECODE:

ABI: [

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

]

## BYTECODE:

608060405234801561001057600080fd5b50610173806100206000396000f3fe60  
8060405234801561001057600080fd5b506004361061002b5760003560e01c8063  
235ed70f14610030575b600080fd5b61003861004e565b60405161004591906101  
1b565b60405180910390f35b60606040518060400160405280600781526020017f  
5a4f4e453a3130081  
5250905090565b600081519050919050565b60008282526020820190509291505  
0565b60005b838110156100c55780820151818401526020810190506100aa565b6  
0008484015250505050565b6000601f19601f8301169050919050565b60006100e  
d8261008b565b6100f78185610096565b93506101078185602086016100a7565b6  
10110816100d1565b840191505092915050565b60006020820190508181036000  
83015261013581846100e2565b90509291505056fea2646970667358221220c765  
609a1e1f2443b48419d1f5e7ab05178e71a2939fb6844d6d592e5adfe35464736f6  
c63430008120033

## 5.DEPLOY AND OUTPUT:

The screenshot displays the Remix Ethereum IDE interface. The top panel shows the 'DEPLOY & RUN TRANSACTIONS' sidebar on the left, the Solidity code editor in the center, and the transaction logs and deployed contracts on the right.

**DEPLOY & RUN TRANSACTIONS:**

- VALUE:** 0 Wei
- CONTRACT:** ZoneNameContract - shahin.sol
- Deploy** button is visible.
- Transactions recorded:** 1
- Deployed Contracts:** ZONENAMECONTRACT AT 0XD9
- Balance:** 0 ETH
- getZoneName** button is visible.
- Low level interactions:** CALLDATA

**Solidity Code:**

```
1 //SPDX-License-Identifier:MIT
2
3 pragma solidity ^0.8.0;
4 contract ZoneNameContract{
5     function getZoneName()public pure returns (string memory){
6         return "Zone:10";
7     }
8 }
```

**Transaction Logs:**

- [vm] from:** 0x583...eddC4 to: ZoneNameContract.(constructor) value: 0 wei data: 0x608...20833 logs: 0 xae...f430b
- call to:** ZoneNameContract.getZoneName
- [call] from:** 0x58380a6a701c568545dcf803fc8875f56beddC4 to: ZoneNameContract.getZoneName() data: 0x235...ed70f

The bottom of the screen shows the Windows taskbar with the date 04-10-2023 and time 09:35.