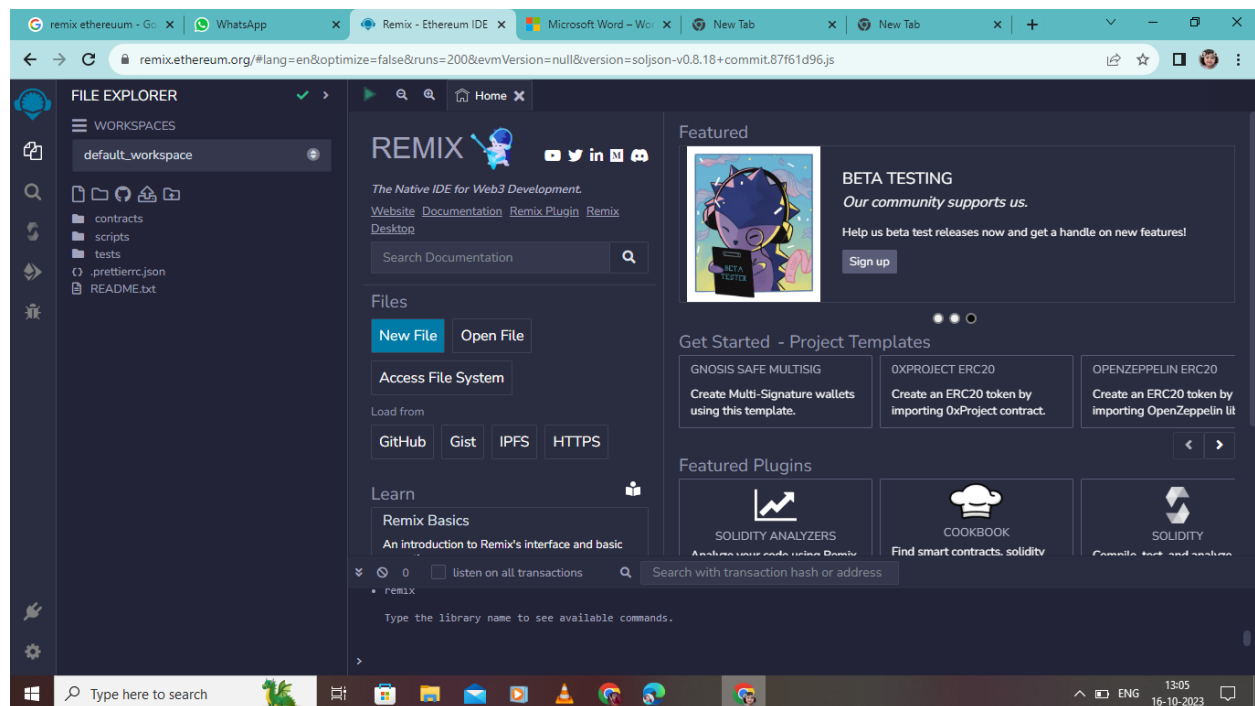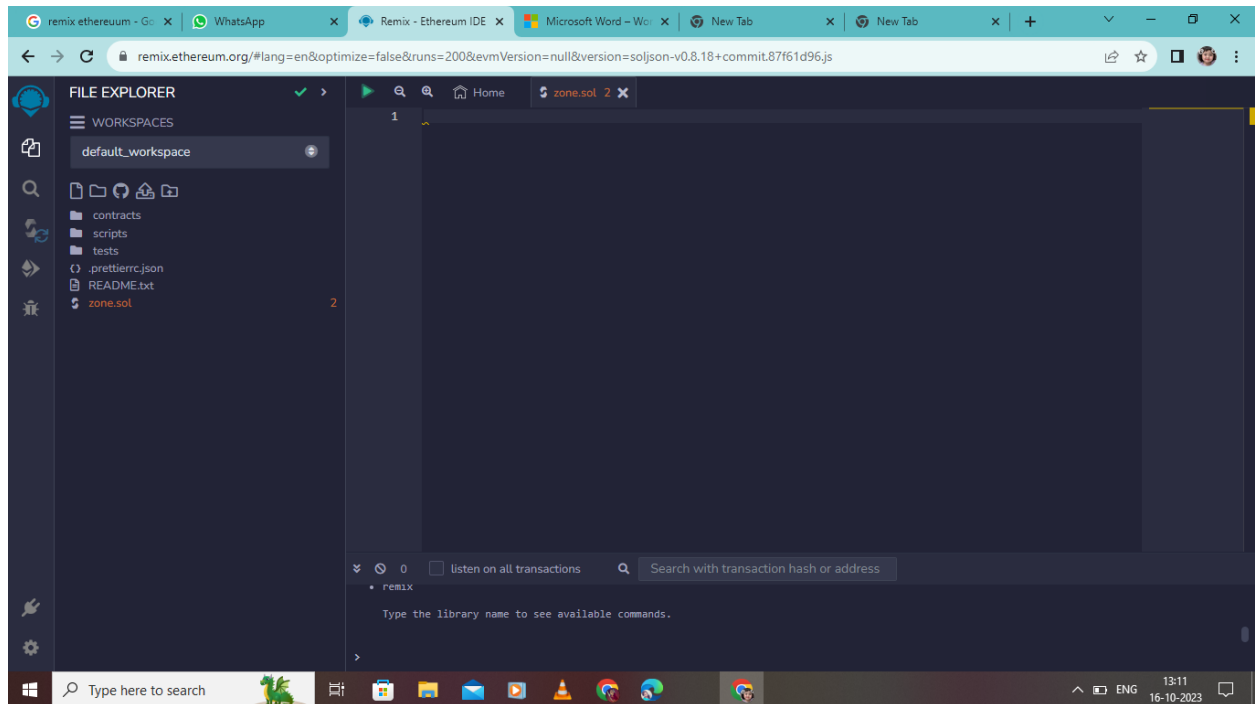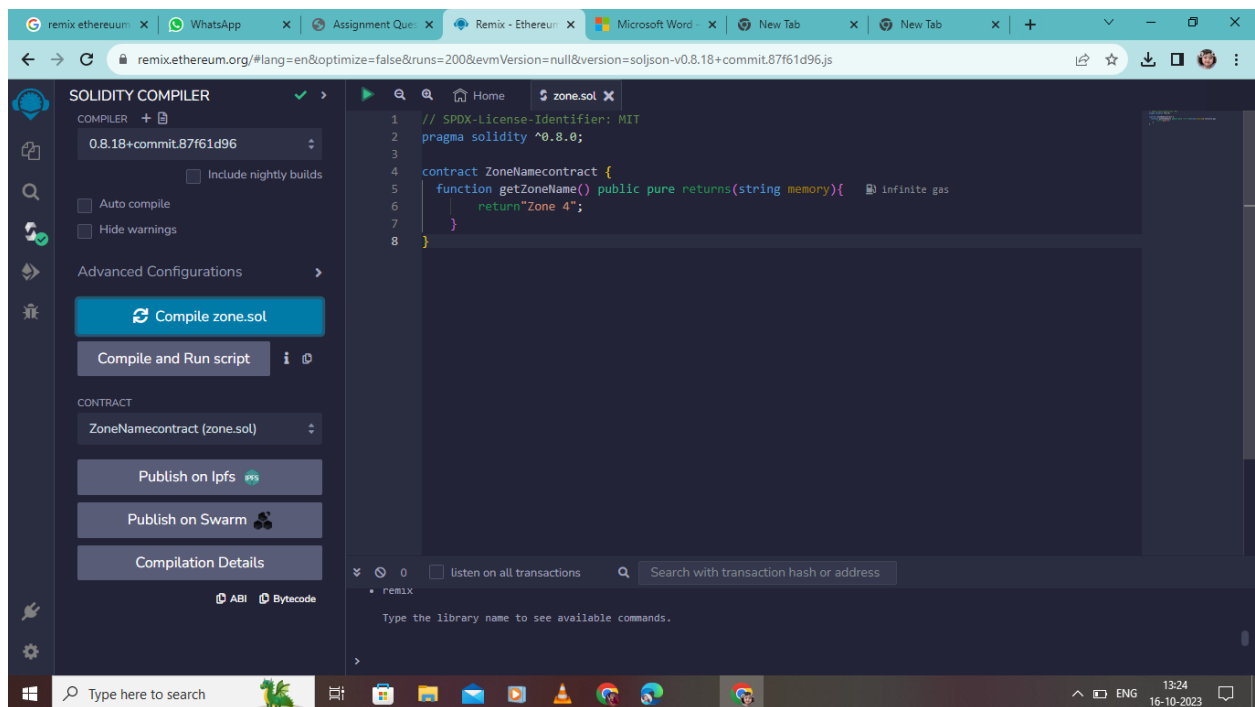| TITLE	ASSIGNMENT
STUDENT NAME	HEMAMALINI.A
STUDENT ID	73E01D6CA9D31F9B6AC4D81FD86C0550
COLLEGE	GKM COLLEGE OF ENGINEERING AND TECHNOLOGY

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 PROGRAM TO RETURN YOUR STRING,"ZONE NAME"


```solidity
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;

contract ZoneNamecontract {
    function getZoneName() public pure returns(string memory){
        return"Zone 4";
    }
}
```

4. SAVE THE PROGRAM AND COMPILE IT TO GET THE ABI AND BYTE CODE

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

BYTE CODE:

60806040523480156100105760080fd5b5061017380610020600039600f3fe608060405234801561001057600080fd5b506004361061002b5760003560e01c80633235ed70f14610030575b600080fd5b61003861004e565b60405161004591906101b1b565b60405180910390f35b6060604051806040016040528060068152602017f5a6f6e65203400000000000000000000000000000000000000000000000000081525090509056b600081519050091905556b60008282526020820190509291505056b60005b83811015610c5578082015181840152602081019050610aa565b600084840152505050565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f78185610096565b93506101010781856020860161010a7565b610110816100d1565b840191505092915050565b6000602082019050818103600083015261013581846100e2565b905092915050506fea2646970667358221220eadcb4027e6774c21709808abe637c5846c0e1dd69ee37c9c35df9b1f53614fa64736f6c63430008120033

5.FINALLY DEPLOY IT TO DISPLAY THE OUTPUT

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

✓ [vm] from: 0x5B3...eddC4 to: ZoneNamecontract.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0xea2...1ef2c **Debug** ∧

status   true Transaction mined and execution succeed

transaction hash   0xea2024b6a2d6b7043a4474df71e7d1fa0dd2eabeabe5f90cec790eeface1ef2c 📋

block hash   0xc1fd87830769e89332df058aeb37f8e5ea3f740c47f8c3addec399c0c43f6652 📋

block number   1 📋

contract address   0xd9145CCE52D386f254917e481eB44e9943F39138 📋

from   0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 📋

to   ZoneNamecontract.(constructor) 📋

gas   153023 gas 📋

transaction cost   133089 gas 📋

execution cost   74323 gas 📋

>

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

call to ZoneNamecontract.getZoneName

CALL [call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: ZoneNamecontract.getZoneName() data: 0x235...ed70f **Debug** ∧

from   0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 📋

to   ZoneNamecontract.getZoneName() 0xd9145CCE52D386f254917e481eB44e9943F39138 📋

execution cost   715 gas (Cost only applies when called by a contract) 📋

input   0x235...ed70f 📋

decoded input   {} 📋

decoded output   {
                           "0": "string: Zone 4"
                       } 📋

logs   [] 📋 📋

>