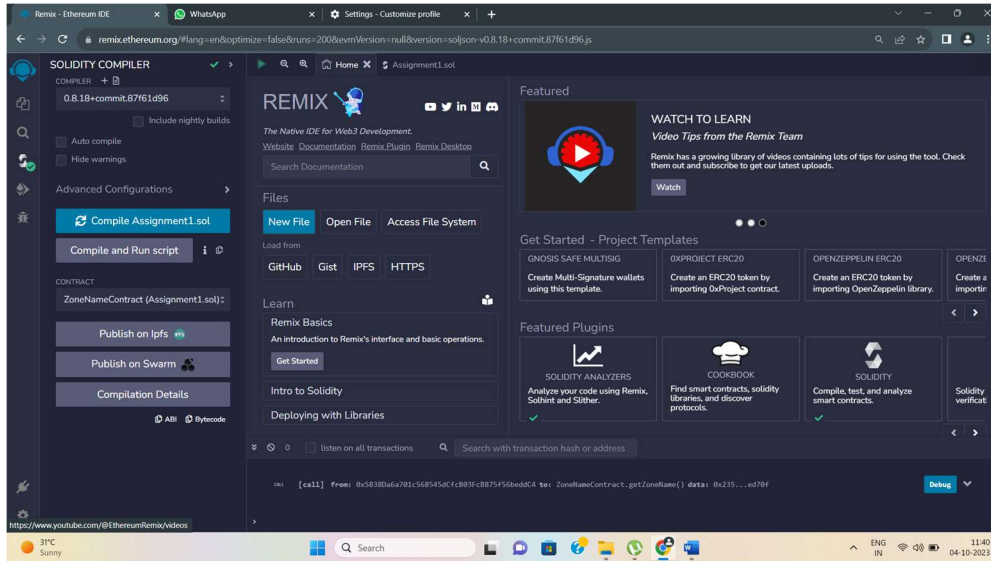


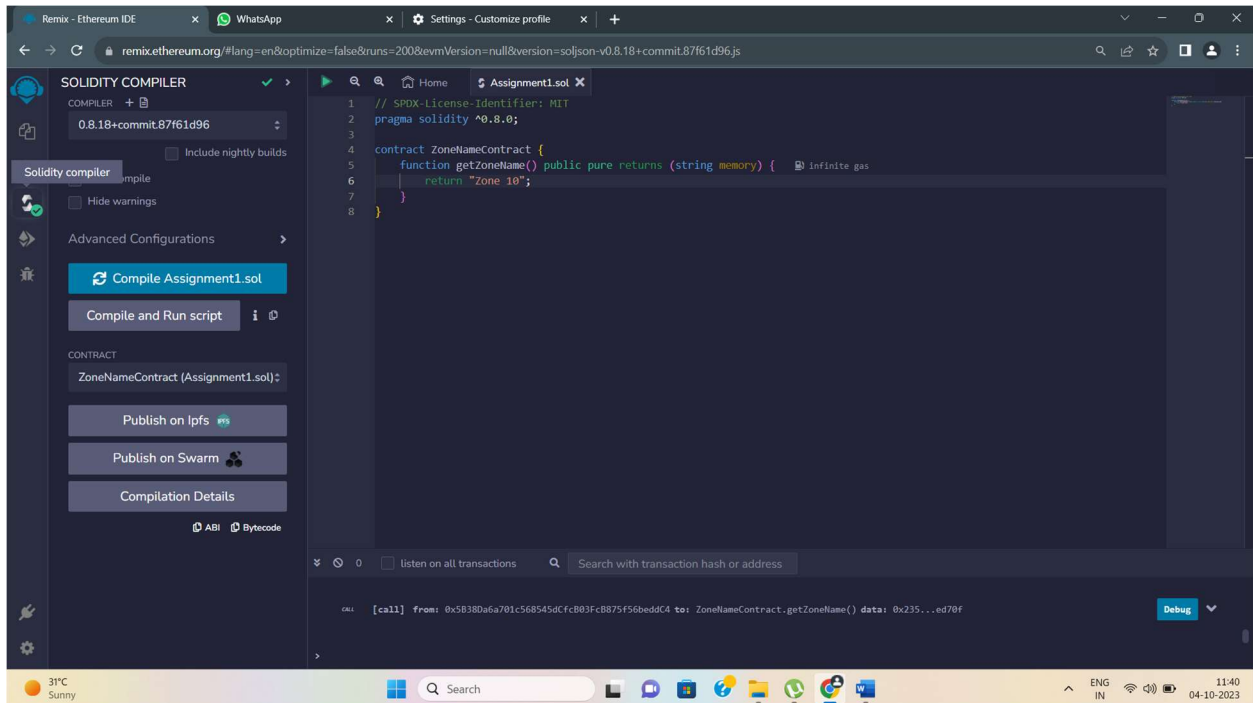
BLOCKCHAIN TECHNOLOGY

ASSIGNMENT-1

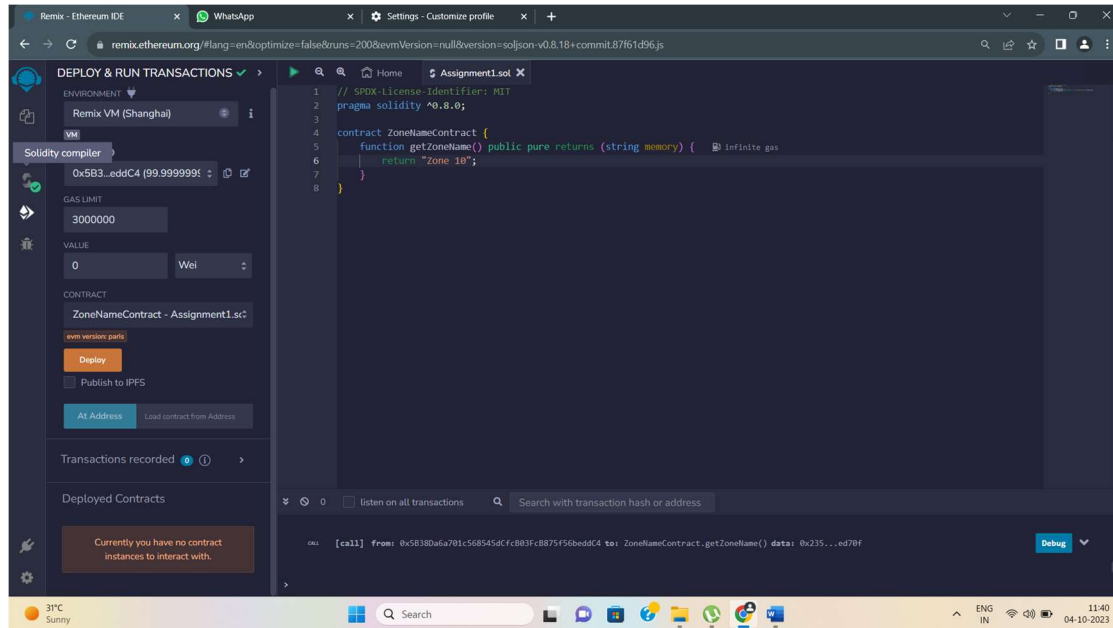
1.OPEN REMIX PLATFORM:



2.CREATE A NEW FILE IN REMIX PLATFORM:



3.PROGRAM TO RETURN STRING:



4.ABI AND BYTECODE:

ABI:

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

608060405234801561001057600080fd5b50610173806100206000396000f3fe608
060405234801561001057600080fd5b506004361061002b5760003560e01c806323
5ed70f14610030575b600080fd5b61003861004e565b604051610045919061011b5
65b60405180910390f35b60606040518060400160405280600781526020017f5a6f
6e652031300815250
905090565b600081519050919050565b600082825260208201905092915050565b
60005b838110156100c55780820151818401526020810190506100aa565b600084
84015250505050565b6000601f19601f8301169050919050565b60006100ed82610
08b565b6100f78185610096565b93506101078185602086016100a7565b6101108
16100d1565b840191505092915050565b600060208201905081810360008301526
1013581846100e2565b90509291505056fea2646970667358221220de8efe69086c
5c3ca6f55f7bcedc5cfb68eb9fe9b05ae71fcebbe24f4c0df6b464736f6c6343000812
0033

The image shows a screenshot of the Remix IDE web application in a browser. The browser's address bar shows the URL: `remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js`. The interface is divided into several panels. On the left, there is a sidebar with icons for Explorer, Solidity compiler, Deploy & Run Transactions, and a file explorer. The 'Solidity compiler' panel shows the 'CONTRACT' 'ZoneNameContract - Assignment1.sol' with 'evm version: paris' and buttons for 'Deploy' and 'Publish to IPFS'. Below it, the 'Deploy & Run Transactions' panel shows 'Transactions recorded' (4), 'Deployed Contracts' (ZoneNameContract AT 0x07...), and 'Low level interactions' (CALLDATA, Transact button). The main workspace displays the 'Assignment1.sol' file with the following Solidity code:

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

The bottom status bar shows a transaction call log: `CALL [call] from: 0x58380a6a701c568545dcfc803fc875f56bedd4 to: ZoneNameContract.getZoneName() data: 0x235...ed70f`. The bottom of the screen shows a Windows taskbar with the date 04-10-2022 and time 11:40.