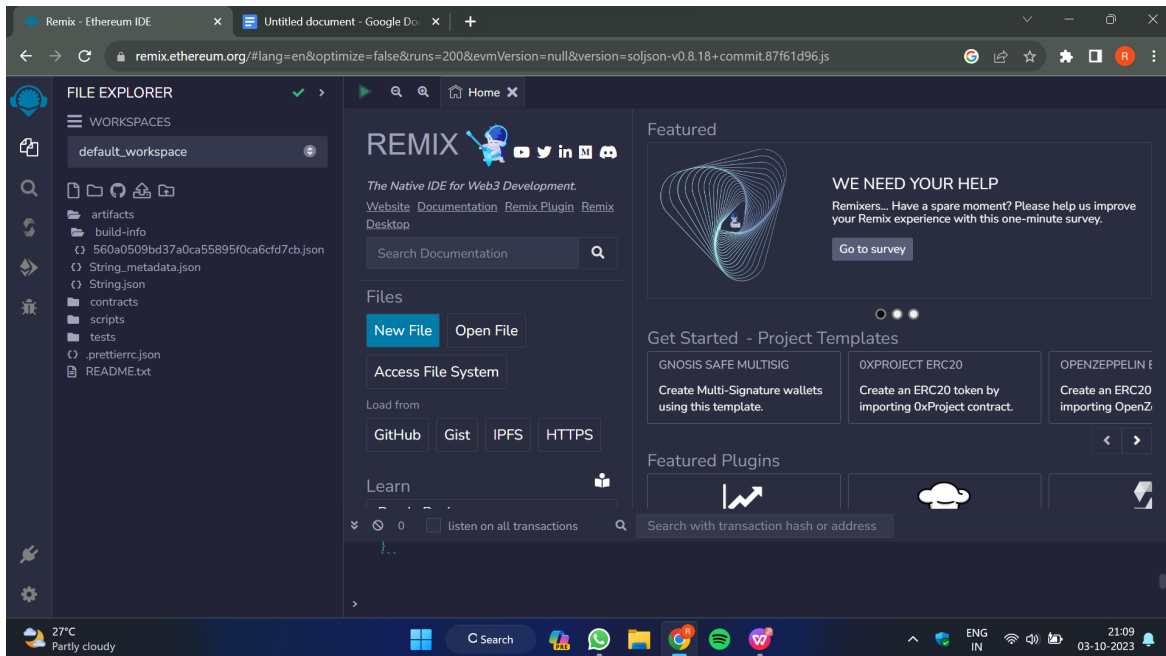


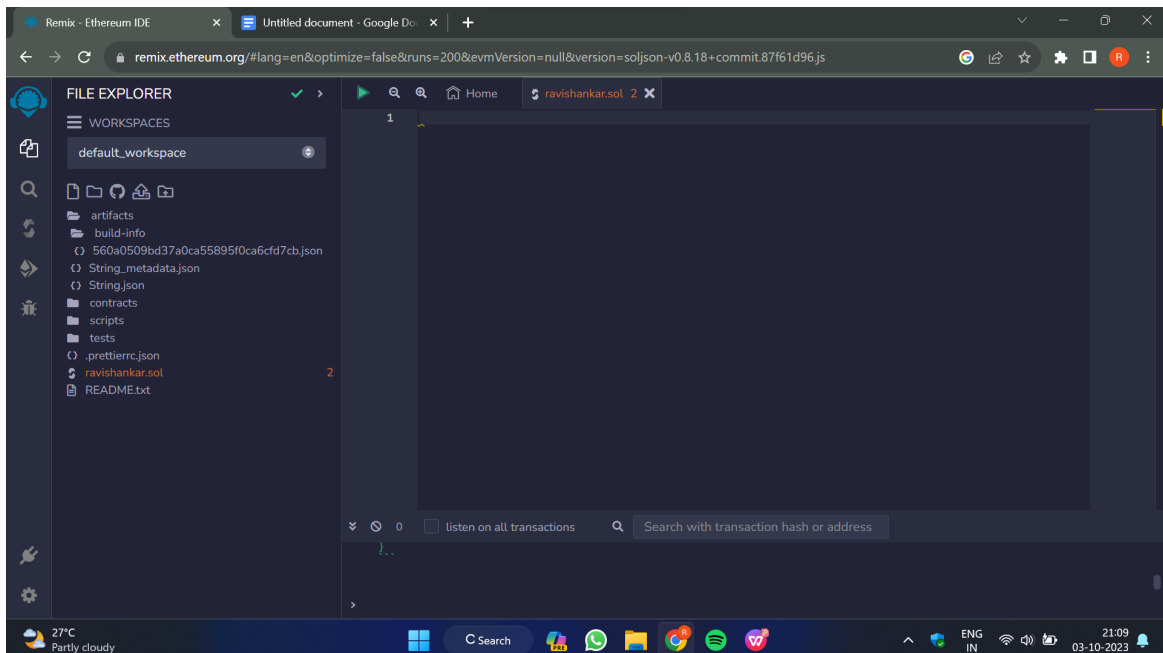
BLOCKCHAIN TECHNOLOGY

ASSIGNMENT - 1

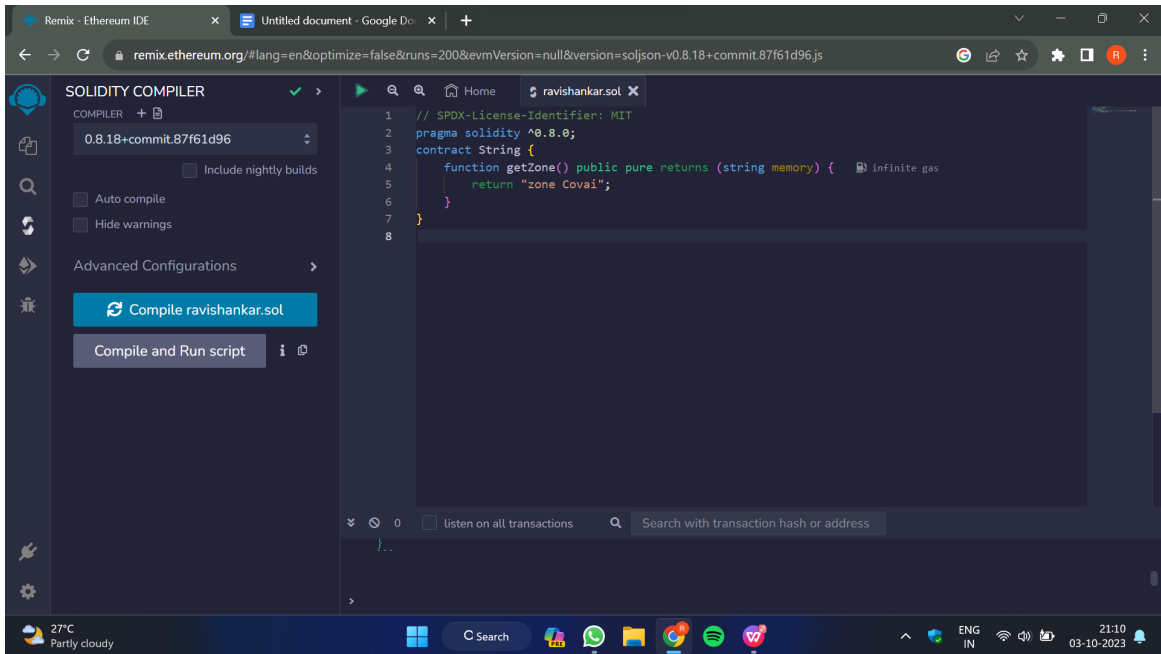
1.OPEN REMIX PLATFORM



2.CREATE A NEW FILE



3.PROGRAM TO RETURN STRING



4.ABI

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

5.BYTECODE

608060405234801561001057600080fd5b50610173806100206000396000f3fe60
8060405234801561001057600080fd5b506004361061002b5760003560e01c806
3f9095eb714610030575b600080fd5b61003861004e565b604051610045919061
011b565b60405180910390f35b60606040518060400160405280600a815260200
17f7a6f6e6520436f766169000
0815250905090565b600081519050919050565b6000828252602082019050929
15050565b60005b838110156100c55780820151818401526020810190506100a
a565b60008484015250505050565b6000601f19601f8301169050919050565b60
006100ed8261008b565b6100f78185610096565b9350610107818560208601610
0a7565b610110816100d1565b840191505092915050565b60006020820190508

18103600083015261013581846100e2565b90509291505056fea2646970667358
2212203ee7675379e9e4a9ac58ca7b4d2807046e50c28caf5ad083246bbab0e46
602bd64736f6c63430008120033

6.DEPLOYING

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`. The left sidebar contains the 'DEPLOY & RUN TRANSACTIONS' panel, which includes a 'String - ravishankar.sol' dropdown, a 'Solidity compiler' section with a 'Deploy' button, and a 'Deployed Contracts' section showing a contract at address 0xD91...39138. The main editor displays the Solidity code for the 'String' contract:

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

The bottom panel shows the transaction log with the following entries:

- creation of String pending...
- [vm] from: 0x583...eddC4 to: String.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0x41c...feedf
- call to String.getZone
- [call] from: 0x58380a6a701c568545dCfcB03FcB875f56beddC4 to: String.getZone() data: 0xf90...95eb7

The bottom status bar indicates the system temperature is 27°C, the weather is 'Partly cloudy', and the time is 21:13 on 03-10-2023.