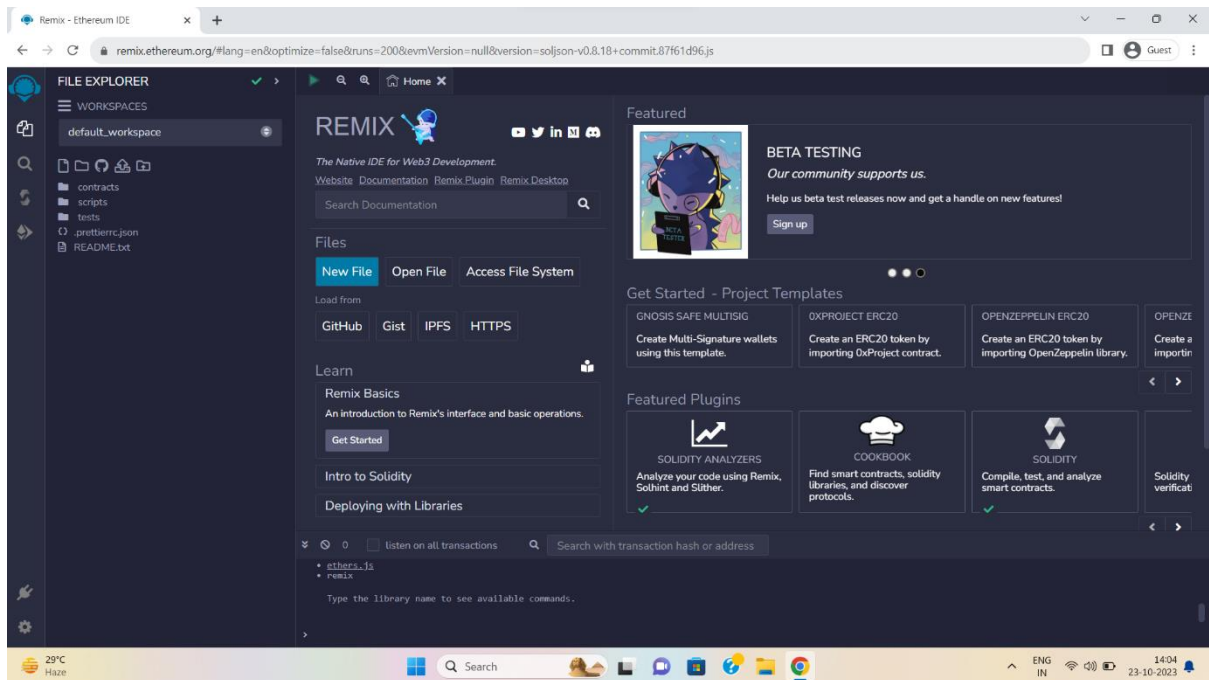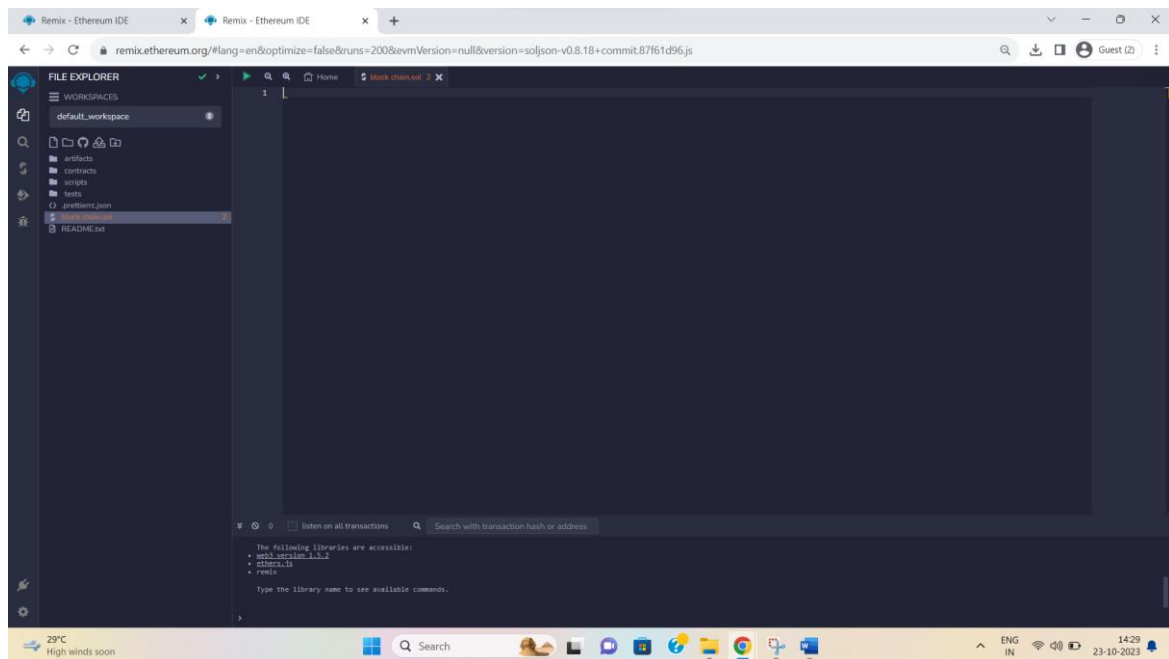# Blockchain Technology

Assignment 1

1. Open remix platform

2. Creating a new file

3. Program to return string
   Code :

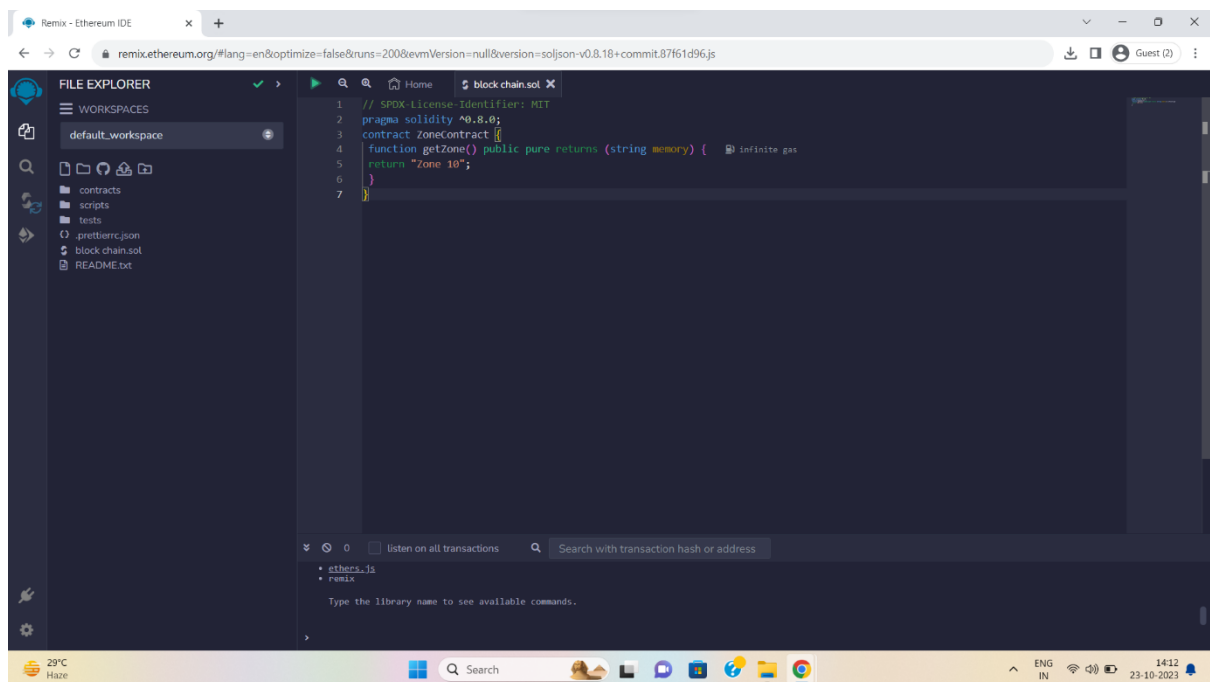   // SPDX-License-Identifier: MIT

   pragma solidity ^0.8.0;

   contract ZoneContract {

   function getZone() public pure returns (string memory){

   return "Zone 10";

   } }

ABI :

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

Byte code :

0x60806040523480156100105760080fd5b5061017380610020600039600f3fe60806040052
34801561001057600080fd5b506004361061002b5760003560e01c8063f9095eb71461003057
5b600080fd5b61003861004e565b604051610045919061011b565b60405180910390f35b606
06040518060400160405280600781526020017f5a6f6e6520313000000000000000000000000
00000000000000000000000000000815250905090565b60008151905091905565b6000828252
6020820190509291505065b60005b838110156100c5578082015181840152602081019050506
100aa565b6000848401525050505056b6000601f19601f8301169050919050565b60006100e
d8261008b565b6100f78185610096565b935061010781850260208601610a7565b6101108161
00d1565b840191505092915050565b60006020820190508181036000830152610135818461
0e2565b90509291505056fea2646970667358221220caa23b4a0b28d442a920d46fc5b6b1e27
d94aae2380dbd1051ddfdcf3128dfb64736f6c63430008120033

4. Deploying :
   (output screen)