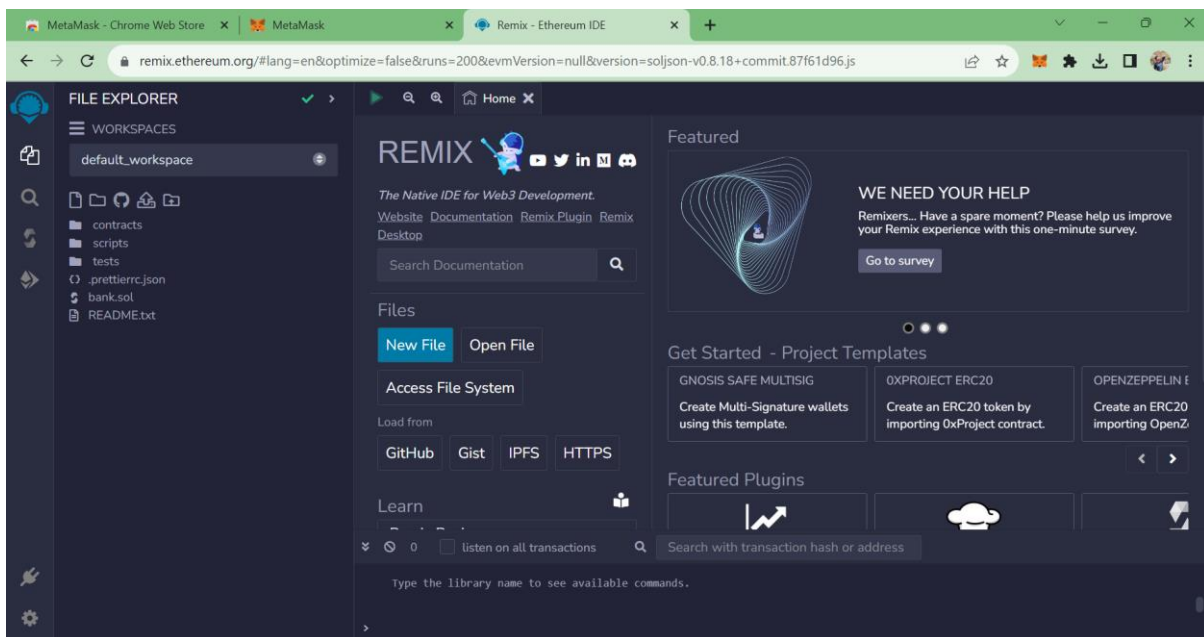


ASSIGNMENT-1

NAME	
SIVARAMAN.V	
ZONE	4
COLLEGE	GKMCET

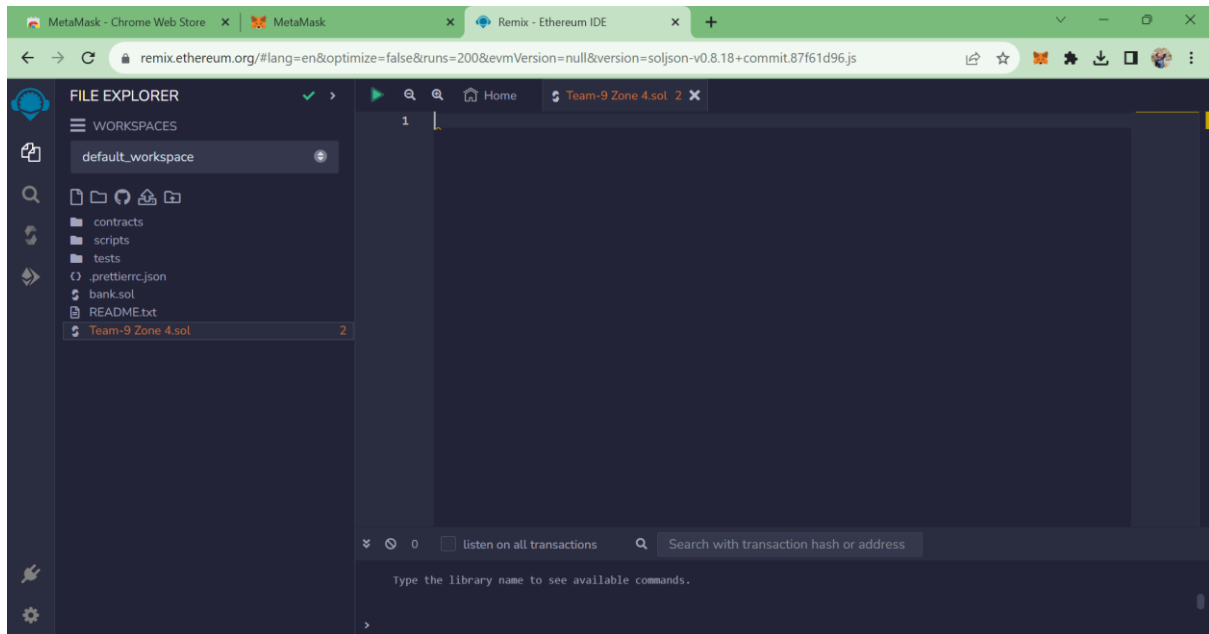
STEP 1:

Open the Remix in the chrome:



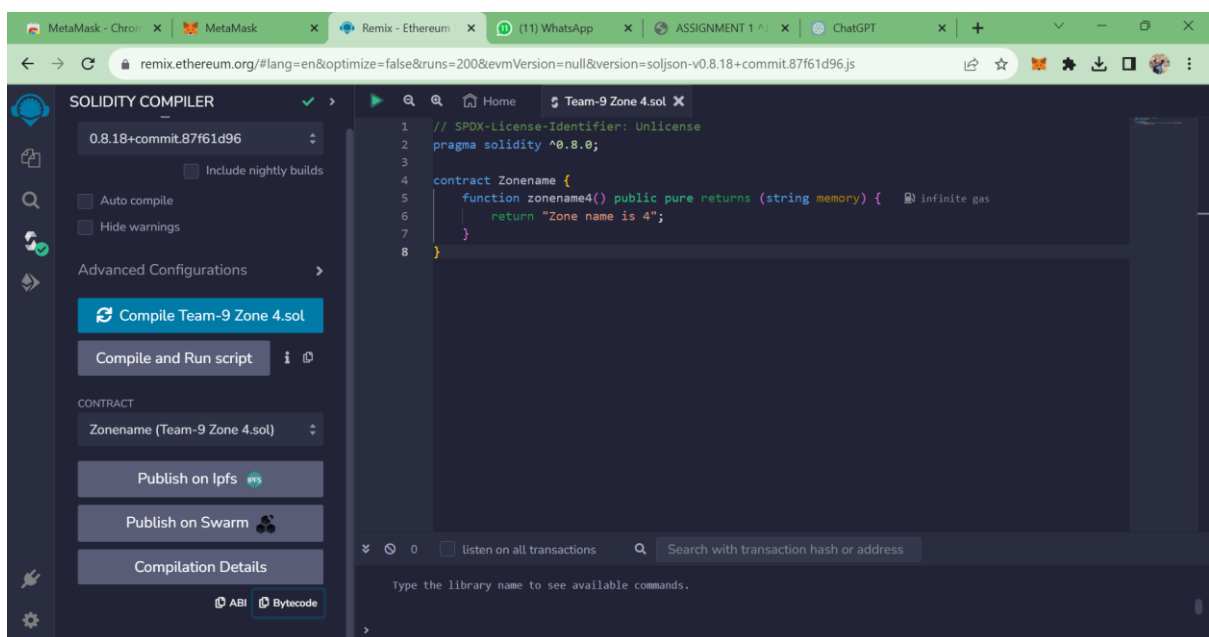
STEP 2:

Open the New file:



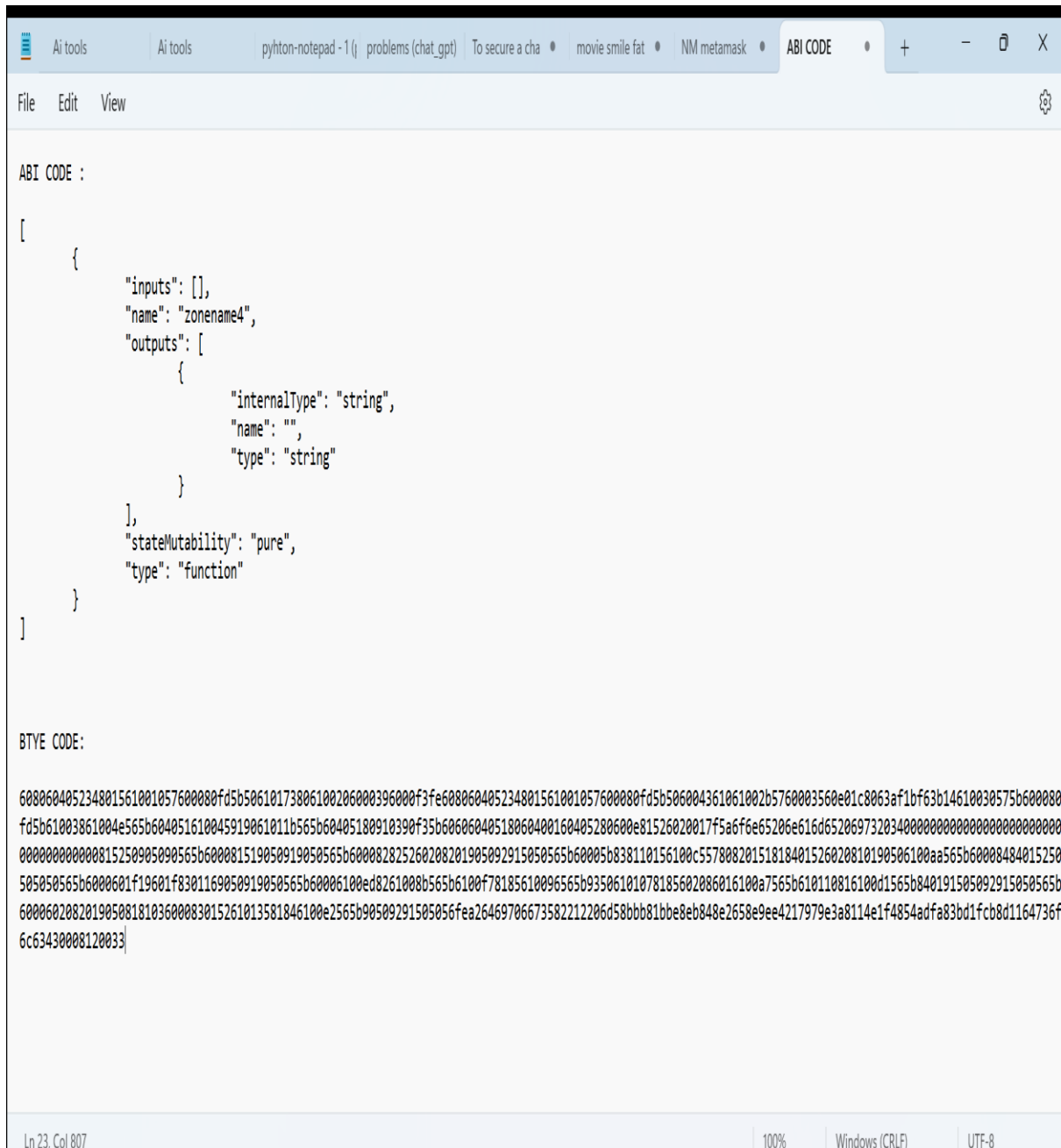
STEP 3:

Write and Compile the file:



STEP 4:

Save the program and compile it to get the ABI and BYTE CODE:



The screenshot shows a code editor window with a tab labeled 'ABI CODE'. The editor contains the following text:

```
ABI CODE :  
  
[  
  {  
    "inputs": [],  
    "name": "zonename4",  
    "outputs": [  
      {  
        "internalType": "string",  
        "name": "",  
        "type": "string"  
      }  
    ],  
    "stateMutability": "pure",  
    "type": "function"  
  }  
]  
  
BYTE CODE:  
  
608060405234801561001057600080fd5b50610173806100206000396000f3fe608060405234801561001057600080fd5b506004361061002b5760003560e01c8063af1bf63b14610030575b600080  
fd5b61003861004e565b604051610045919061011b565b60405180910390f35b6060606040518060400160405280600e81526020017f5a6f6e65206e616d652069732034000000000000000000000000  
000000000000815250905090565b600081519050919050565b600082825260208201905092915050565b60005b838110156100c55780820151818401526020810190506100aa565b60008484015250  
505050565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f78185610096565b93506101078185602086016100a7565b610110816100d1565b840191505092915050565b  
6000602082019050818103600083015261013581846100e2565b90509291505056fea26469706673582212206d58bbb81bbe8eb848e2658e9ee4217979e3a8114e1f4854adfa83bd1fcb8d1164736f  
6c63430008120033]
```

The status bar at the bottom indicates 'Ln 23, Col 807', '100%', 'Windows (CRLF)', and 'UTF-8'.

STEP 5:

Deploy the program and get the output:

The screenshot displays the Remix IDE interface with the following components:

- Top Bar:** Browser tabs for MetaMask, MetaMask, Remix - Ethereum, (11) WhatsApp, ASSIGNMENT 1, and ChatGPT. The address bar shows `remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js`.
- Left Panel (DEPLOY & RUN TRANSACTIONS):**
 - GAS LIMIT:** 3000000
 - VALUE:** 0 Wei
 - CONTRACT:** Zonename - Team-9 Zone 4.sol
 - Buttons:** Deploy, Publish to IPFS, At Address, Load contract from Address
 - Transactions recorded:** 2
 - Run transactions using the latest compilation result:** (checked)
 - Buttons:** Save, Run
 - Deployed Contracts:** (empty list)
- Editor:** Solidity code for `Team-9 Zone 4.sol`:

```
1 // SPDX-License-Identifier: Unlicense
2 pragma solidity ^0.8.0;
3
4 contract Zonename {
5     function zonename4() public pure returns (string memory) {
6         return "Zone name is 4";
7     }
8 }
```
- Right Panel (Transaction Details):**
 - Message:** [vm] from: 0x583...eddC4 to: Zonename.(constructor) value: 0 wei data: 0x608...20033 logs: 0
 - hash:** 0x777...36ff7
 - status:** true Transaction mined and execution succeed
 - transaction hash:** 0x777eb63db47746af193bd2ff9a42f1c19052fa1f61814ef1516c4edf36ff7
 - block hash:** 0xd95efa9fd6ae8e0b35c3dc8d78a91dce5a711538575b6d43b42ca256dca24a67
 - block number:** 3
 - contract address:** 0xf8e81d47203a594245e36c48e151709f0c19f8e8
 - from:** 0x58380a6a701c568545dcfc803fc8875f56beddC4
 - to:** Zonename.(constructor)
 - gas:** 153133 gas
 - transaction cost:** 133185 gas
 - execution cost:** 74323 gas