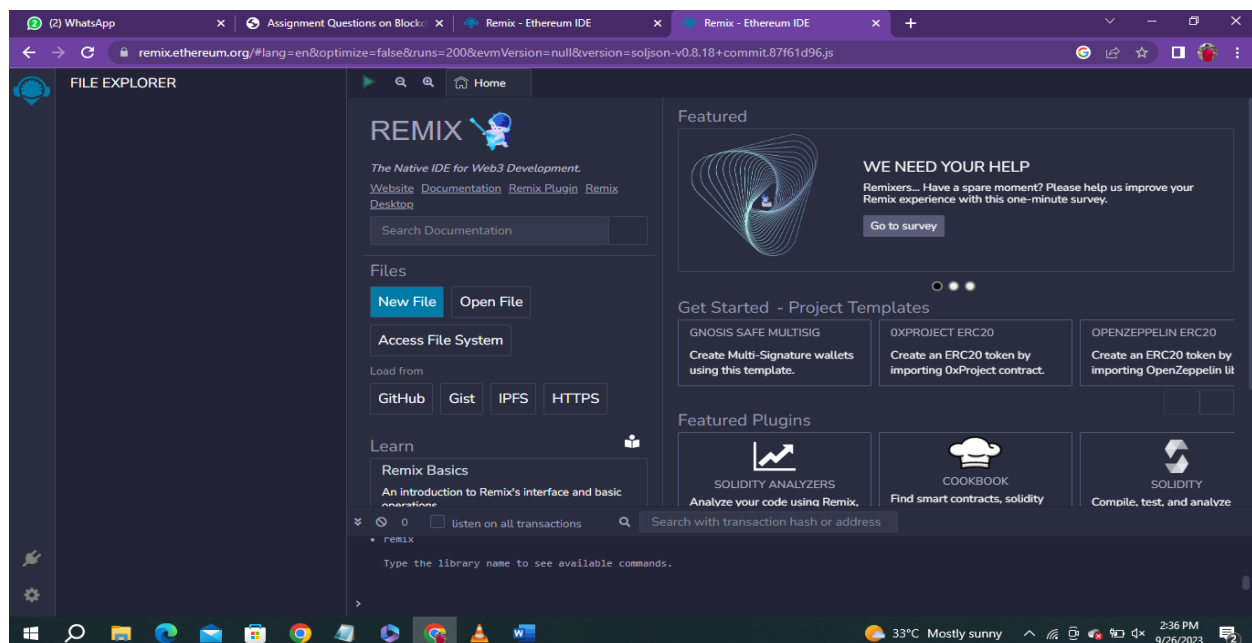
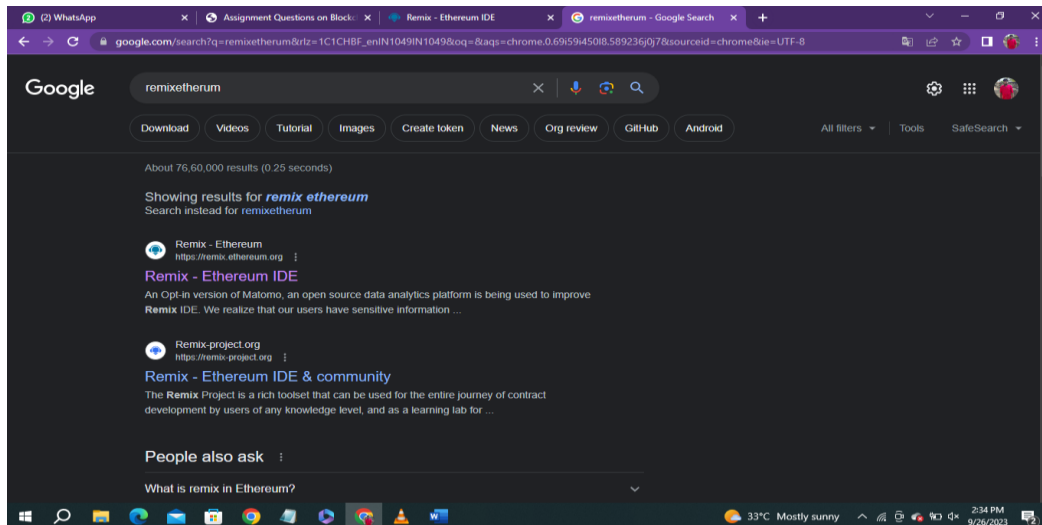
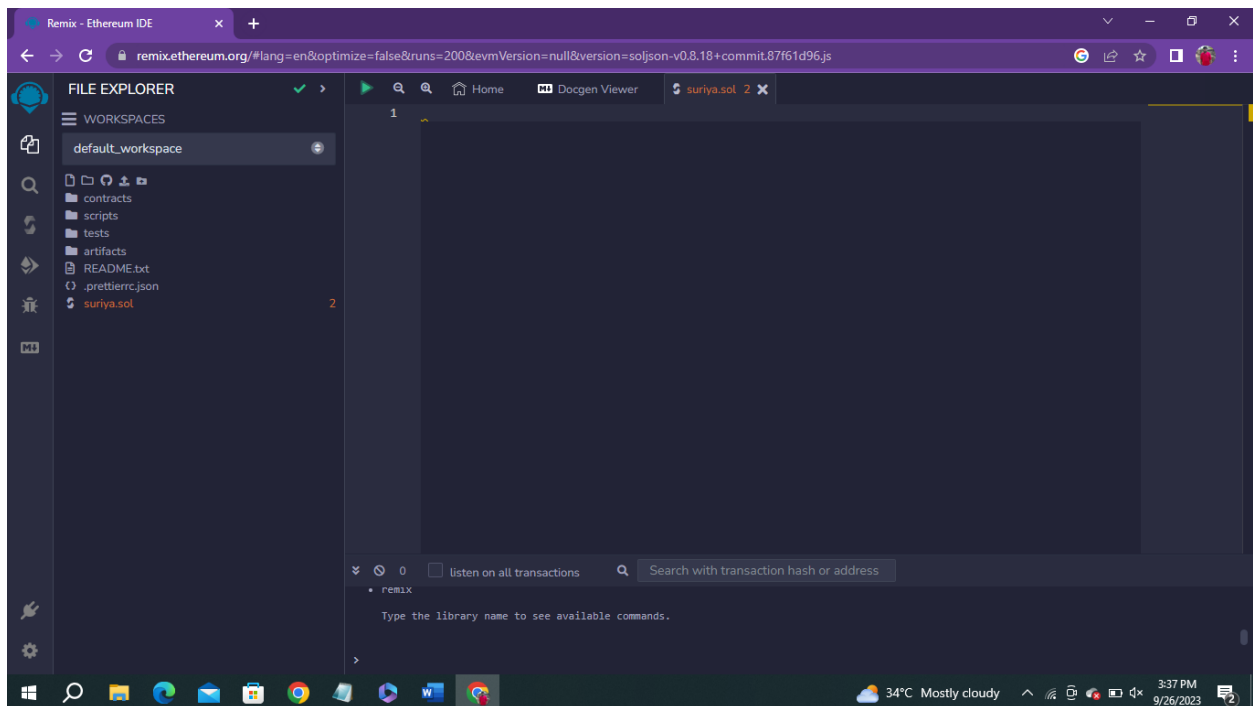
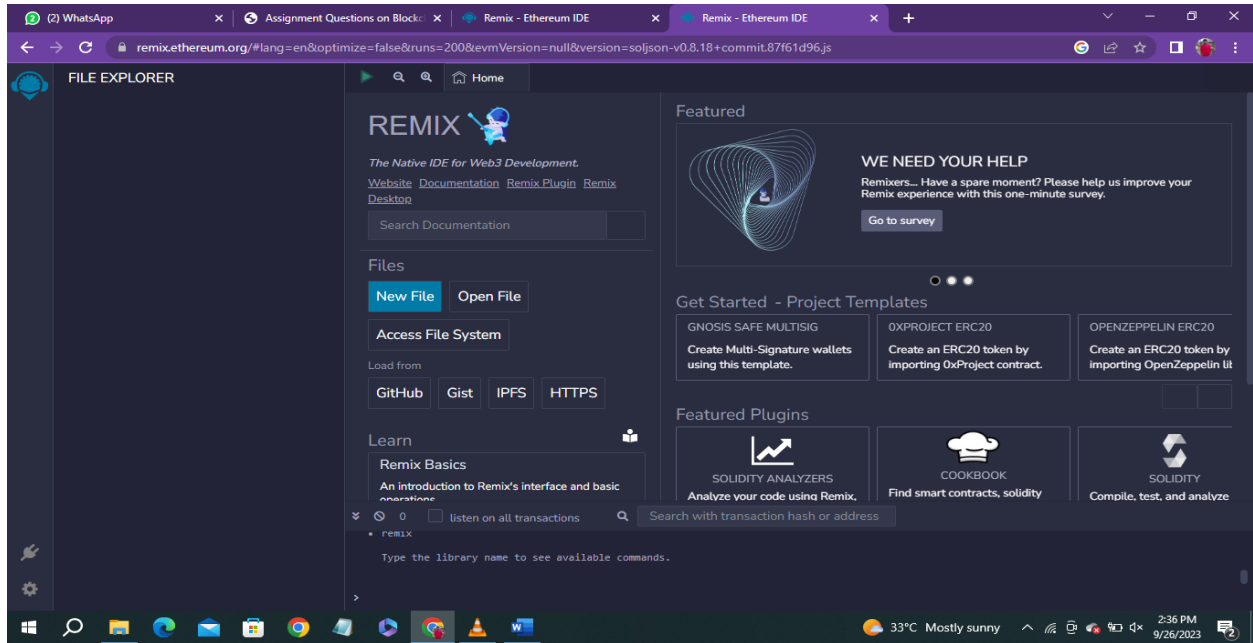


# ASSIGNMENT -1

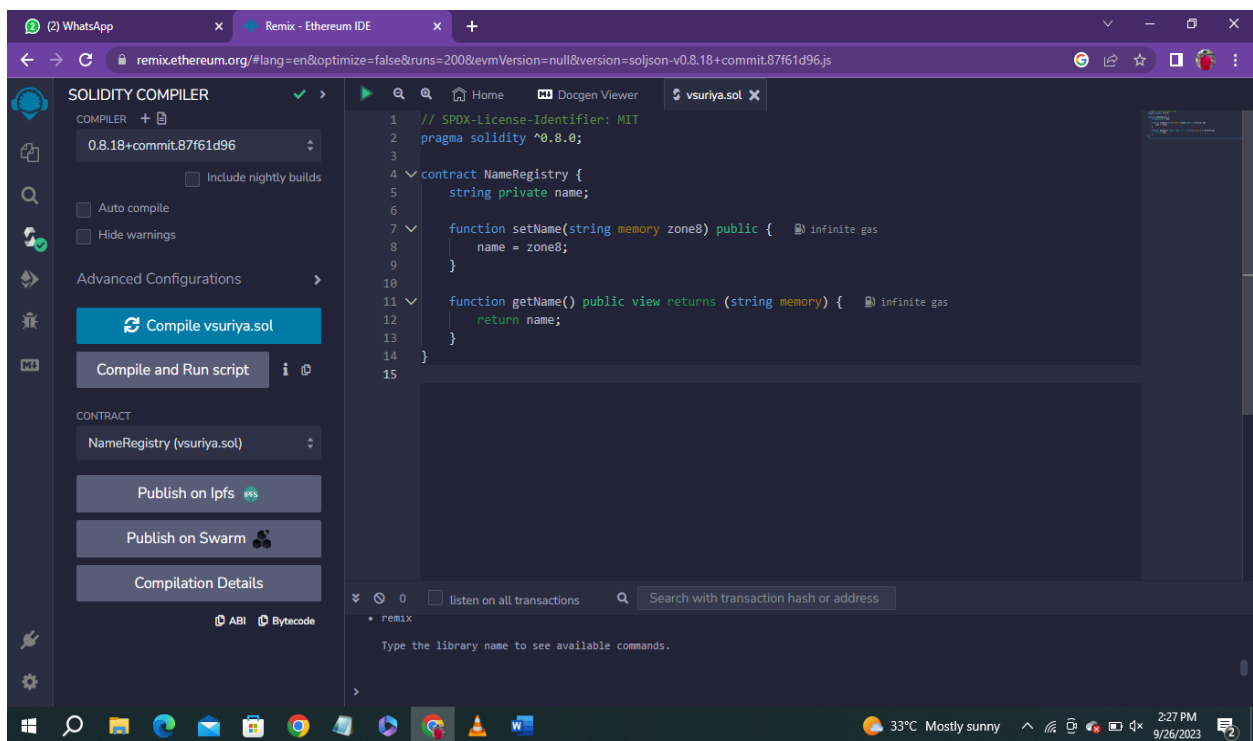
1.Go to the chrome and open remix platform



## 2. Open the remix page and create a new file



3. In that newly created file, create a program to return your string, "Zone name"



## 4. Save the program and compile it to get the ABI and Bytecode

### BYTECODE :

```
608060405234801561001057600080fd5b5061067c806100206000396000f3fe60806040523480156100105760008
0fd5b50600436106100365760003560e01c806317d7de7c1461003b578063c47f002714610059575b600080fd5b61
0043610075565b60405161005091906101aa565b60405180910390f35b610073600480360381019061006e919061
0315565b610107565b005b6060600080546100849061038d565b80601f0160208091040260200160405190810160
4052809291908181526020018280546100b09061038d565b80156100fd5780601f106100d2576101008083540402
835291602001916100fd565b820191906000526020600020905b8154815290600101906020018083116100e05782
9003601f168201915b50505050905090565b80600090816101169190610574565b5050565b6000815190509190
50565b600082825260208201905092915050565b60005b8381101561015457808201518184015260208101905061
0139565b60008484015250505050565b6000601f19601f8301169050919050565b600061017c8261011a565b61018
68185610125565b9350610196818560208601610136565b61019f81610160565b840191505092915050565b60006
0208201905081810360008301526101c48184610171565b905092915050565b6000604051905090565b600080fd5
b600080fd5b600080fd5b600080fd5b7f4e487b710000000000000000000000000000000000000000000000000000
0000600052604160045260246000fd5b61022282610160565b810181811067ffffffffffff82111715610241576102
406101ea565b5b80604052505050565b60006102546101cc565b90506102608282610219565b919050565b600067
ffffffffffff8211156102805761027f6101ea565b5b61028982610160565b9050602081019050919050565b8281833
7600083830152505050565b60006102b86102b384610265565b61024a565b9050828152602081018484840111156
102d4576102d36101e5565b5b6102df848285610296565b509392505050565b600082601f8301126102fc576102fb
6101e0565b5b813561030c8482602086016102a5565b91505092915050565b60006020828403121561032b576103
2a6101d6565b5b600082013567ffffffffffff811115610349576103486101db565b5b610355848285016102e7565b
91505092915050565b7f4e487b710000000000000000000000000000000000000000000000000000000000000000
2260045260246000fd5b600060028204905060018216806103a557607f821691505b6020821081036103b8576103b
761035e565b5b50919050565b60008190508160005260206000209050919050565b60006020601f8301049050919
050565b600082821b905092915050565b6000600883026104207fffffffffffffffffffffffffffffffffffffffffffff8
26103e3565b61042a86836103e3565b95508019841693508086168417925050509392505050565b6000819050919
050565b6000819050919050565b600061047161046c61046784610442565b61044c565b610442565b90509190505
65b6000819050919050565b61048b83610456565b61049f61049782610478565b8484546103f0565b82555050505
0565b600090565b6104b46104a7565b6104bf818484610482565b505050565b5b818110156104e3576104d860008
26104ac565b6001810190506104c5565b5050565b601f821115610528576104f9816103be565b610502846103d356
5b81016020851015610511578190505b61052561051d856103d3565b8301826104c4565b50505b505050565b6000
82821c905092915050565b600061054b6000198460080261052d565b1980831691505092915050565b6000610564
838361053a565b9150826002028217905092915050565b61057d8261011a565b67ffffffffffff8111156105965761
05956101ea565b5b6105a0825461038d565b6105ab8282856104e7565b600060209050601f8311600181146105de
57600084156105cc578287015190505b6105d68582610558565b86555061063e565b601f1984166105ec866103be5
65b60005b82811015610614578489015182556001820191506020850194506020810190506105ef565b868310156
10631578489015161062d601f89168261053a565b8355505b6001600288020188555050505b505050505056fea2
6469706673582212209d3c781d82191c59768448ff07059f5079ead7bdd8669b7fdc6b69cfc5b0eae64736f6c63430
008120033
```

ABI:

```
[
  {
    "inputs": [],
    "name": "getName",
    "outputs": [
      {
        "internalType": "string",
        "name": "",
        "type": "string"
      }
    ],
    "stateMutability": "view",
    "type": "function"
  },
  {
    "inputs": [
      {
        "internalType": "string",
        "name": "zone8",
        "type": "string"
      }
    ]
  }
]
```

```

    }

    ],

    "name": "setName",

    "outputs": [],

    "stateMutability": "nonpayable",

    "type": "function"

  }

]

```

## 5. Finally Deploy it to display the output

The screenshot displays the Remix Ethereum IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' panel shows the 'NameRegistry - vsuriya.sol' contract selected. The 'Deploy' button is highlighted. Below it, the 'Transactions recorded' section shows a list of deployed contracts, including 'NAMEREGISTRY AT 0XD91...391'. The 'Deployed Contracts' section shows the 'setName' function with the input 'string zone0'. The 'Low level interactions' section shows the 'CALLDATA' field with the input '0x508...20833' and a 'Transact' button.

The main panel displays the transaction details for the deployment. The status is 'true Transaction mined and execution succeed'. The transaction hash is '0x31b069e2ed638cf9583e9e2328e450a6ff6d14673b85858b81719adca311143'. The block hash is '0xc4a326180b564a1de149a49fd9ac70f5ea7effb5a9eda9980a73e08a75a9aa5'. The block number is '4'. The contract address is '0xd07ACd2a9FD159E69Bb102A1ca21C9a3e3A5F771B'. The from address is '0x5B380da701c568545dCfc803fc8075F56beddC4'. The to address is 'NameRegistry.(constructor)'. The gas used is '472485 gas'. The transaction cost is '418962 gas'. The execution cost is '332368 gas'. The input is '0x508...20833'. The decoded input is '()'. The decoded output is '-'.