ASSIGNMENT 1

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ZONE NAME	16

1. GO TO THE CHROME ATFORM OPEN REMIX PLARTF
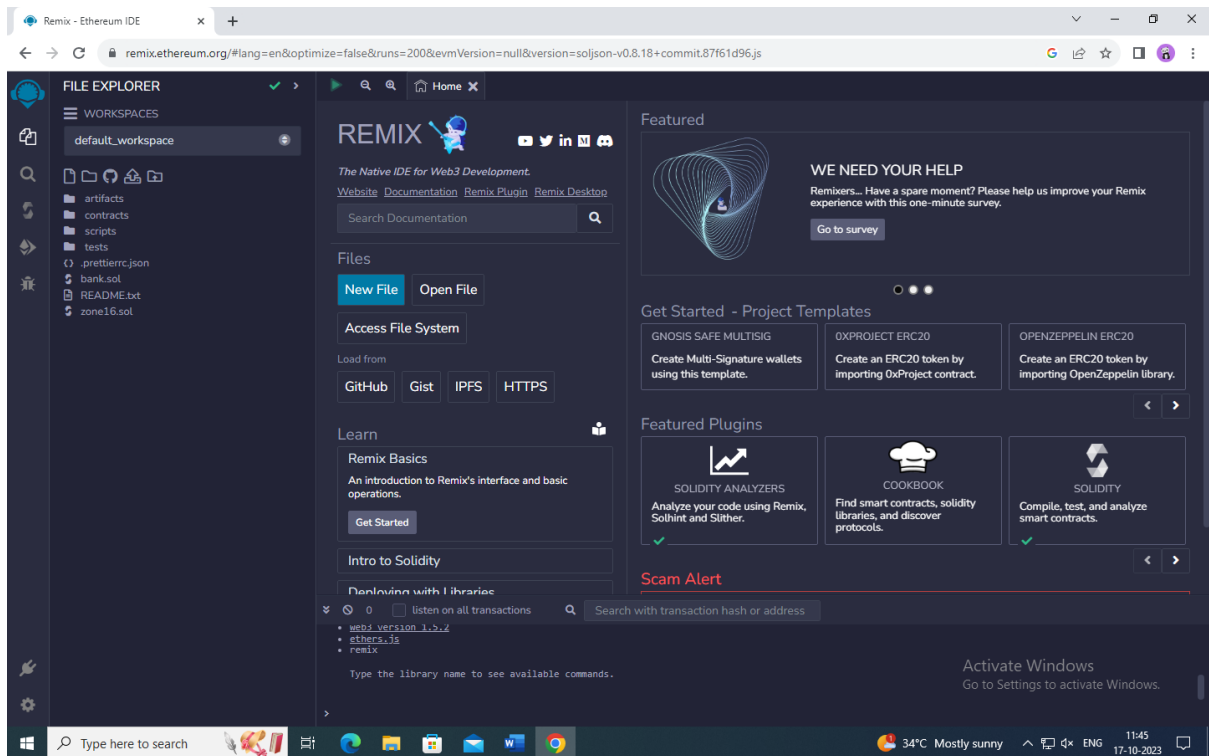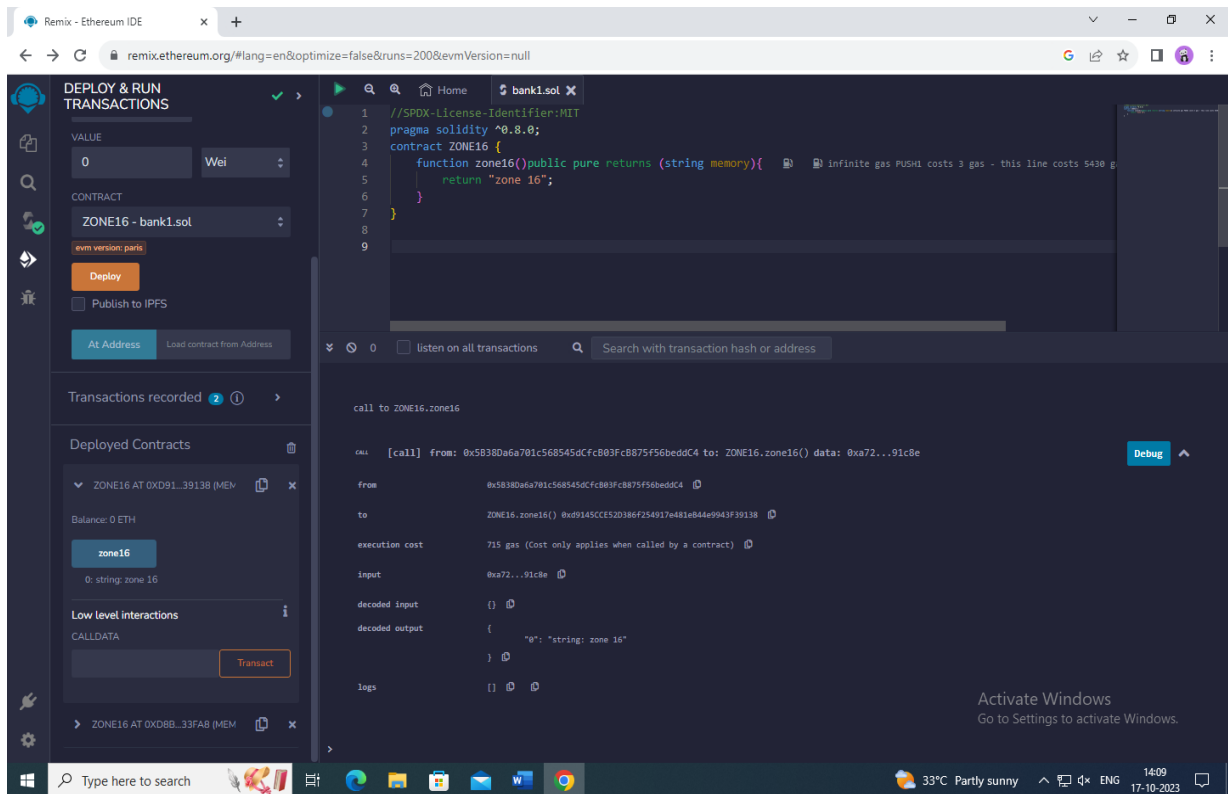
2.OPEN THE REMIX PAGE AND CREATE A NEW FILE
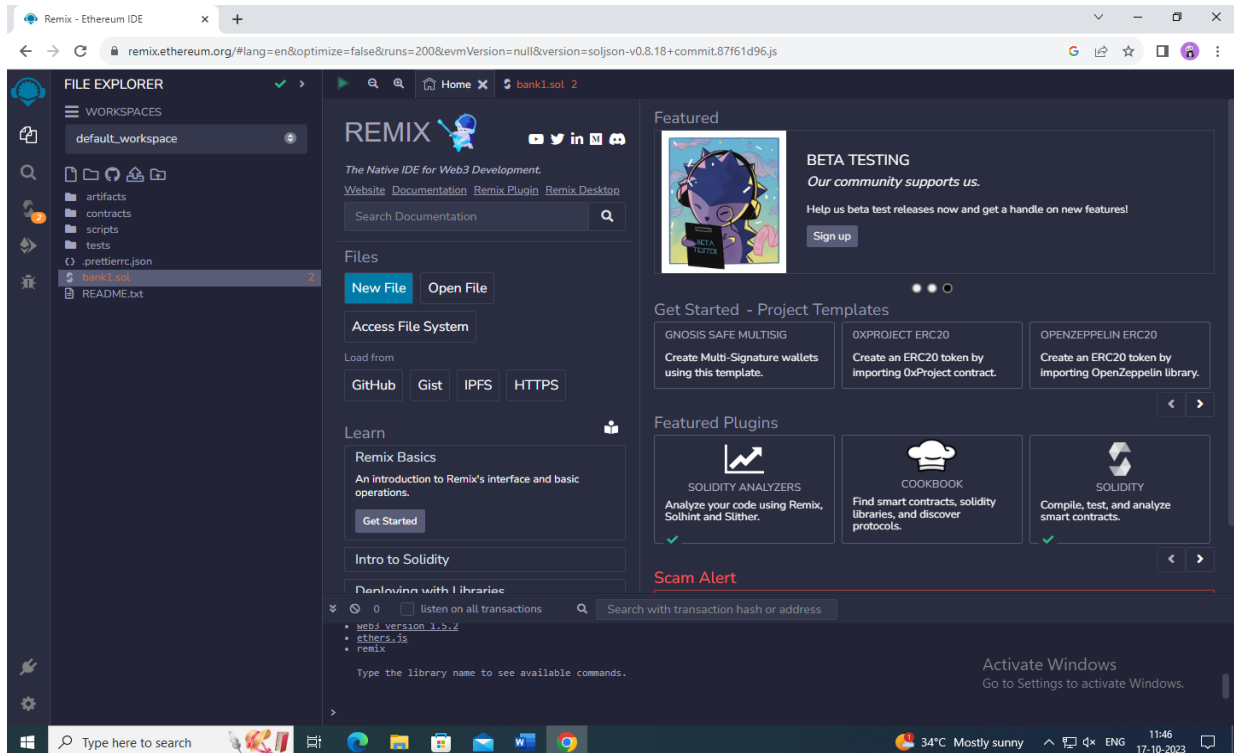
3.IN THE NEWLY CREATED FILE, CREATE A PROGRAM TO RETURN YOUR STRING," ZONE NAME"

```solidity
1  //SPDX-License-Identifier:MIT
2  pragma solidity ^0.8.0;
3  contract ZONE16 {
4      function zone16()public pure returns (string memory){    infinite gas
5          return "zone 16";
6      }
7  }
8
```

4.SAVE THE PROGRAM AND COMPILE IT TO GET THE ABI AND BYTECODE

ABI

```
[
    {
        "inputs": [],
        "name": "zone16",
        "outputs": [
            {
                "Internal Type": "string",
                "name": "",
                "type": "string"
            }
        ],
        "State Mutability": "pure",
        "type": "function"
    }
]
```

BYTECODE

- 6080604052348015610010575760000080fd5b5061017380610020600039600f3fe60806040523480156100105760080fd5b50600436106102b5760003560e01c8063a7291c8e14610030575b600080fd5b61003861004e565b60405161004591906101b565b60405180910390f35b606060405180604001604052806007815260200017f7a6f6e652031360000000000000000000000000000000000000000000000000815250905090565b600081519050919050565b600082825260208201905092915050565b60005b838110156100c557808201518184015260208101905061aa565b60008484015250505050565b6000601f19601f8301169050919050565b600061100ed8261008b565b6100f7818561009656b93506101078185602086016100a7565b61011081610d1565b840191505092915050565b6000602082019050818103600083015261013581846100e2565b90509291505056fea2646970667358221220c888d46e73dd266067d0828c7c16e1234b77107e038496d1f2758c1dad92eb4e64736f6c63430008120033

5.FINALLY DEPLIOY IT TO DISPLAY THE OUTPUT
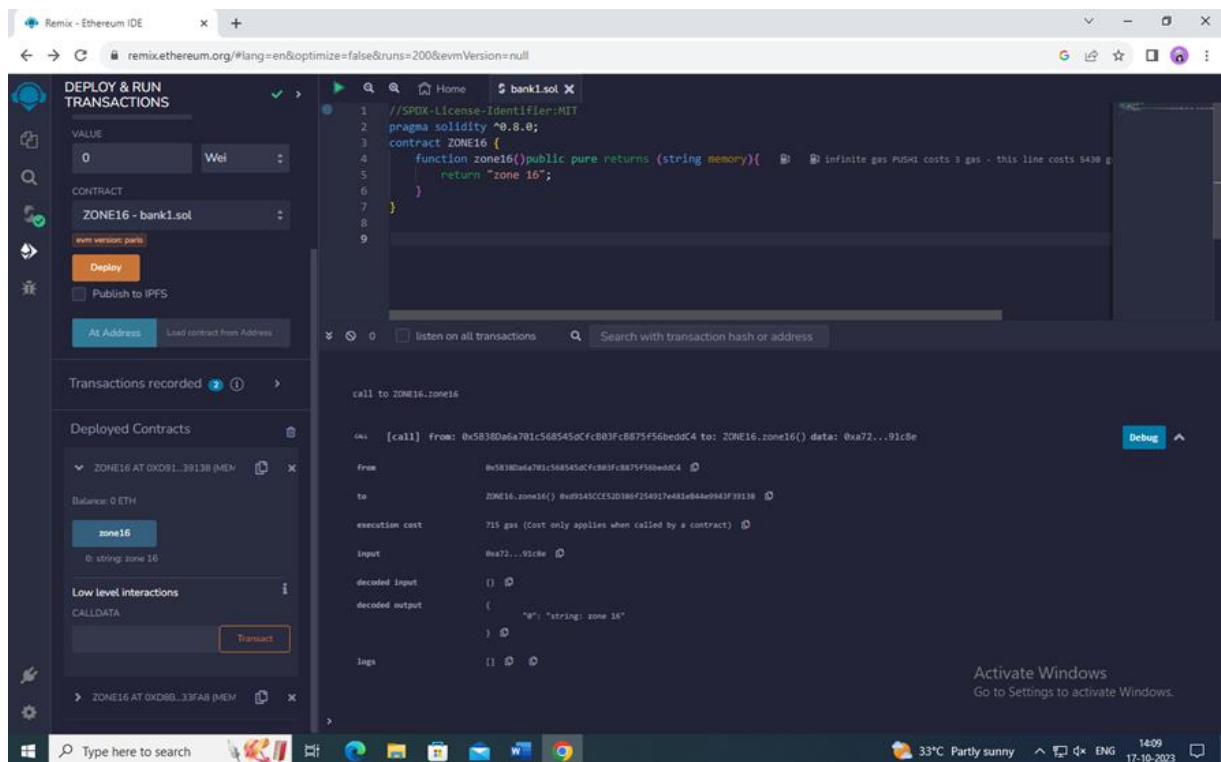
call to ZONE16.zone16

CALL   [call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: ZONE16.zone16() data: 0xa72...91c8e

from   0x5B38Da6a701c568545dCfcB03FcB875f56beddC4

to   ZONE16.zone16() 0xd9145CCE52D386f254917e481eB44e9943F39138

execution cost   715 gas (Cost only applies when called by a contract)

input   0xa72...91c8e

decoded input   {}

decoded output   {
                                    "0": "string: zone 16"
                            }

logs   []