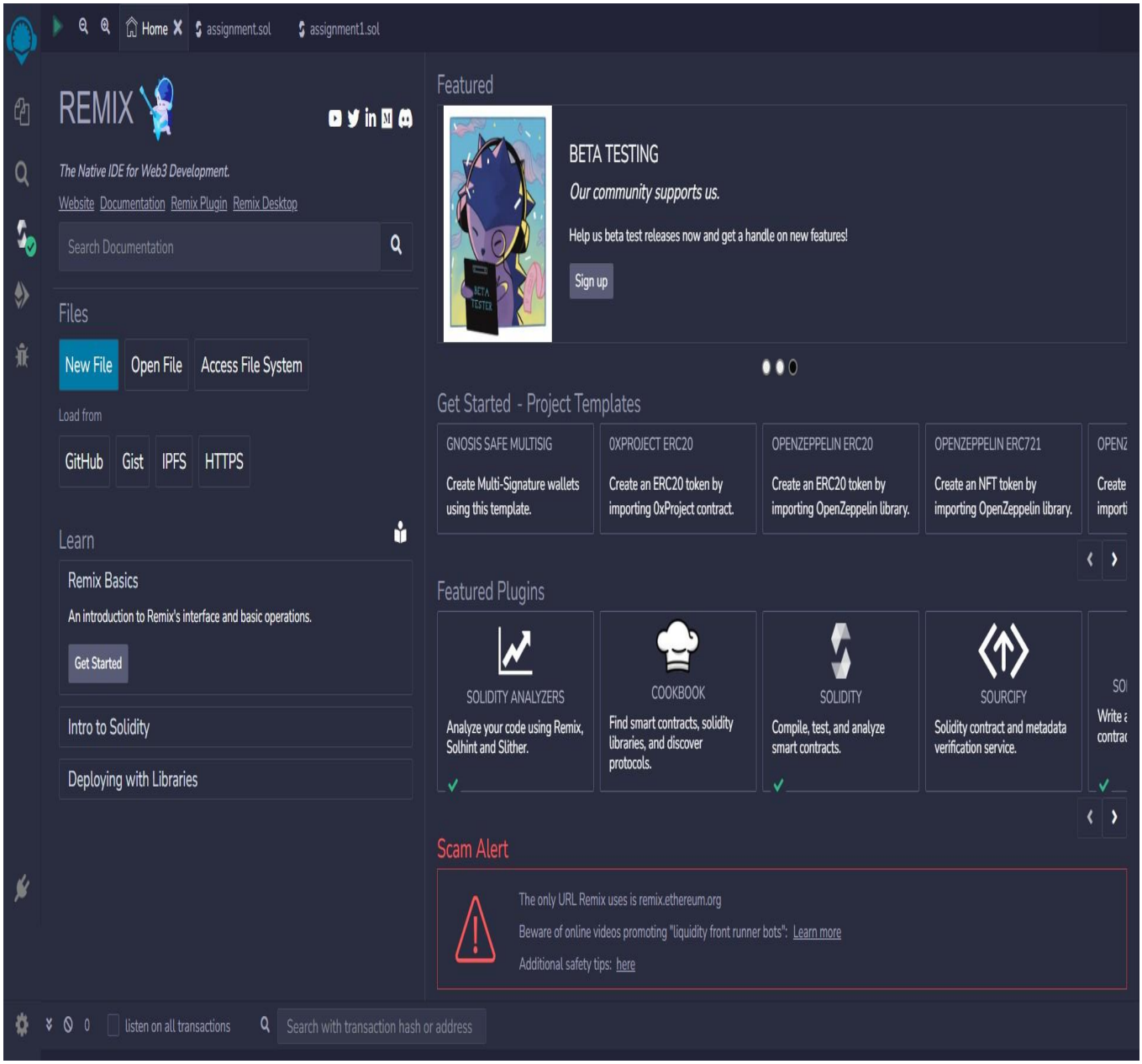
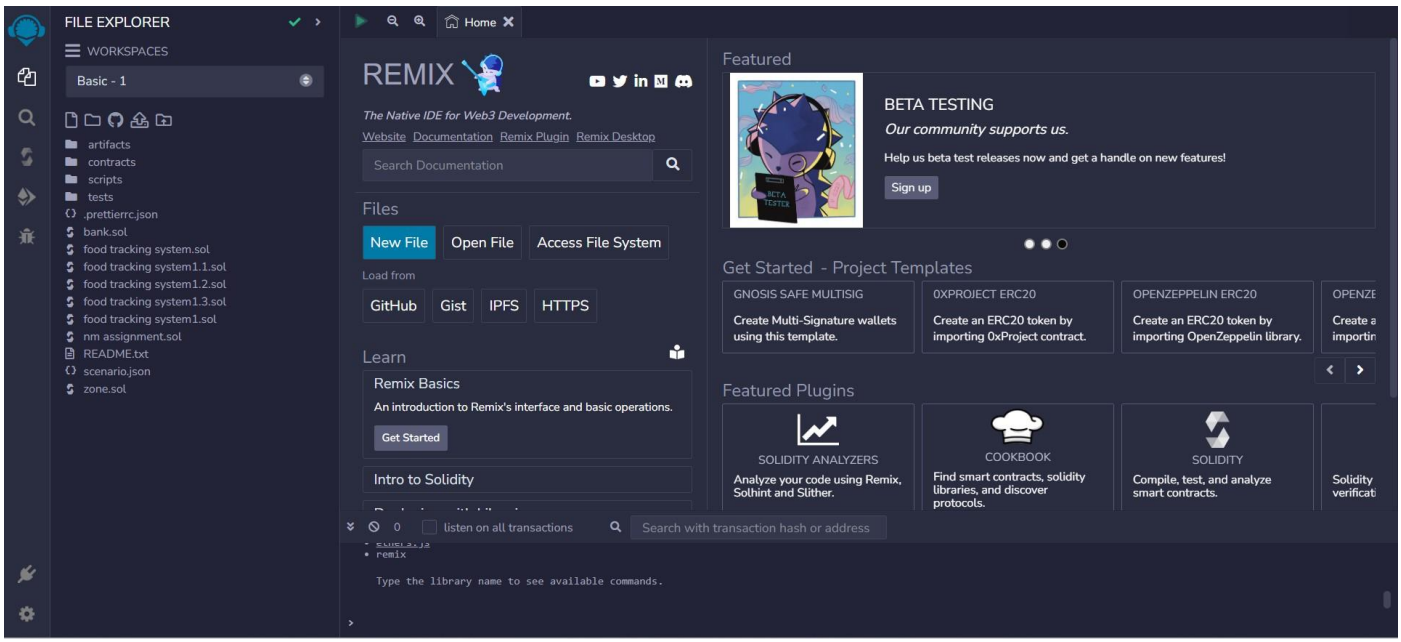
Assignment 1

NAME	VISHNU VENKATESH R
ZONE	**2**
COLLEGE	APOLLO ENGINEERING COLLEGE

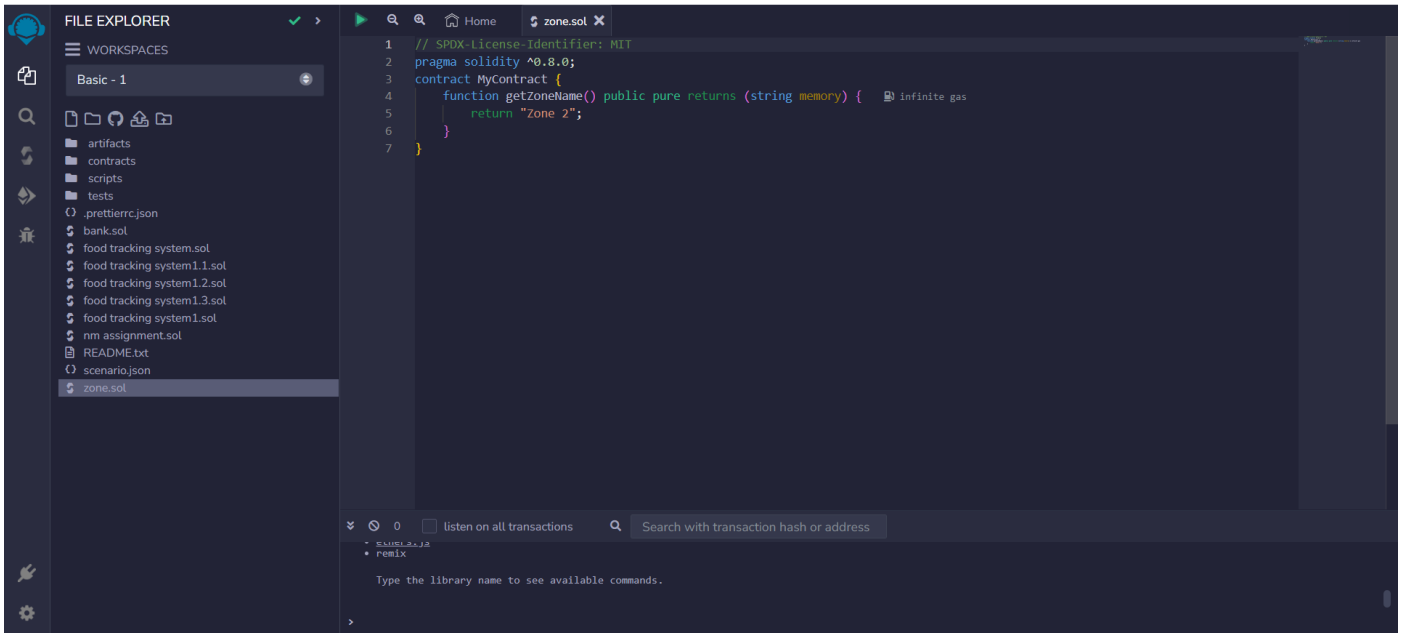
1. GO TO THE CHROME ATFORM OPEN REMIXPLARTFORM

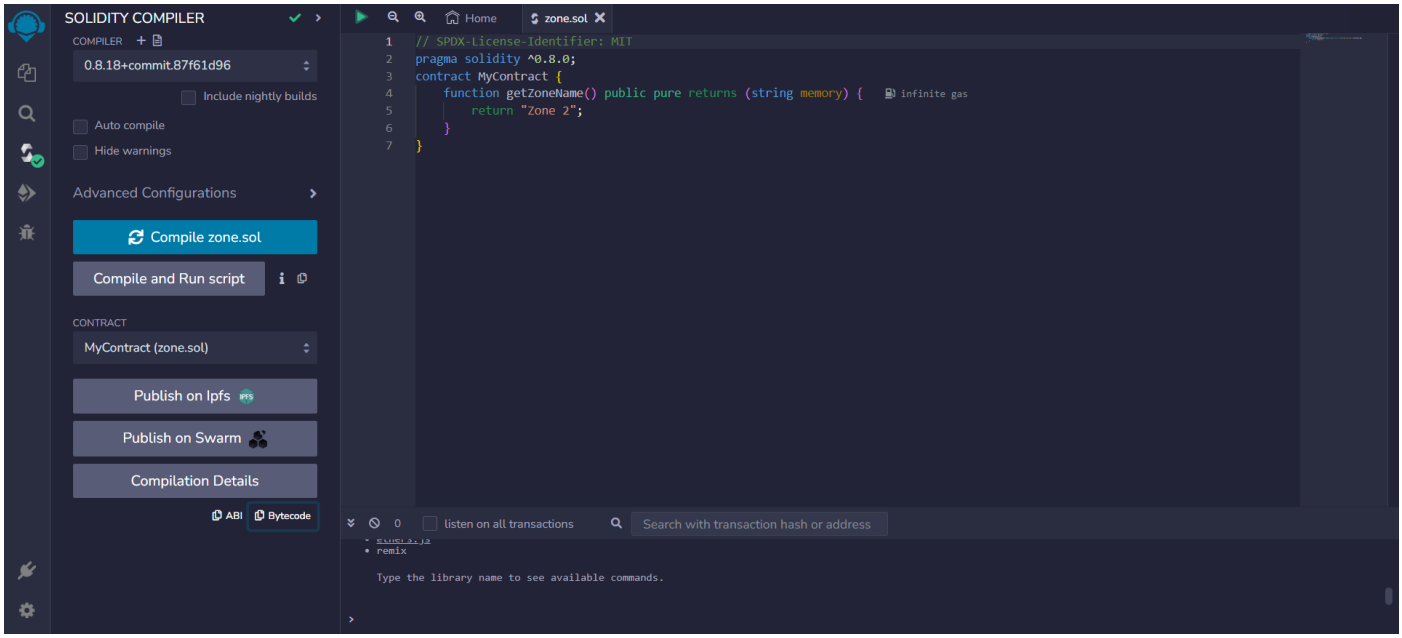


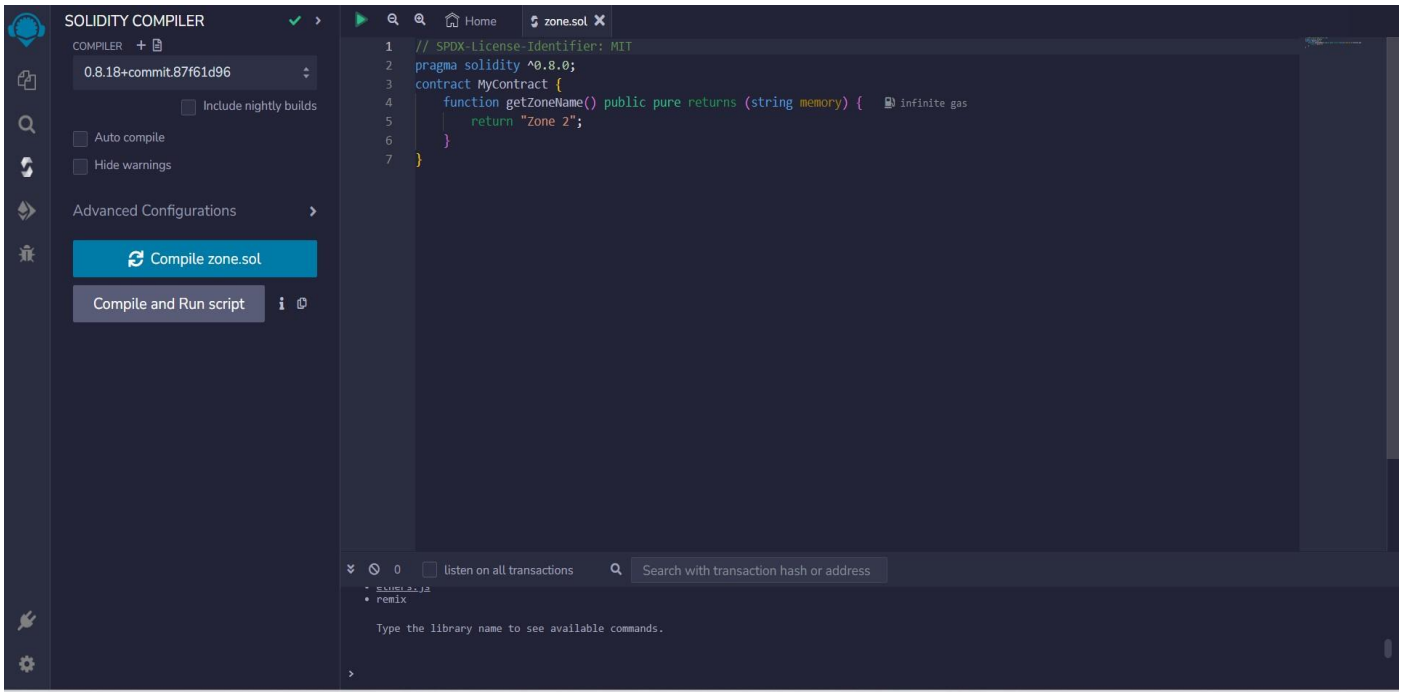
2. OPEN THE REMIX PAGE AND CREATE A NEW FILE



3.IN THE NEWLY CREATED FILE,CREATE A PROGRAM TO RETURN YOUR STRING ,”ZONE.SOL”




SOLIDITY COMPILER
COMPILER
0.8.18+commit.87f61d96
Include nightly builds
Auto compile
Hide warnings
Advanced Configurations
Compile zone.sol
Compile and Run script
CONTRACT
MyContract (zone.sol)
Publish on Ipfs
Publish on Swarm
Compilation Details
ABI
Bytecode
Home
zone.sol
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract MyContract {
function getZoneName() public pure returns (string memory) {
infinite gas
return "Zone 2";
}
}
listen on all transactions
Search with transaction hash or address
remix
Type the library name to see available commands.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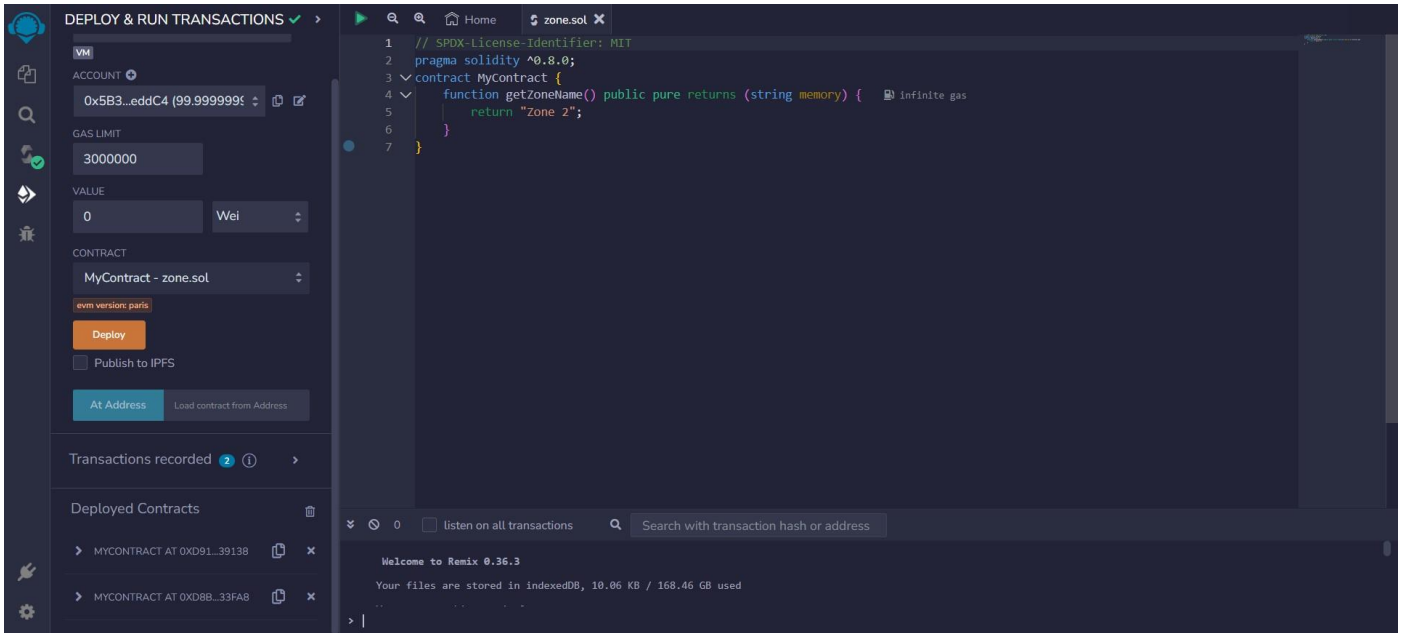
Search with transaction hash or address
remix
Type the library name to see available commands.

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

ABI:


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


BYTECODE:


```
6080604052348015610010576000080fd5b5061017380610020600039600 0f3fe6080604052348015610010576000
80fd5b506004361061002b5760003560e01c8063235ed70f14610030575b600080fd5b61003861004e565b604051
610045919061011b565b60405180910390f35b606060405180604001604052806006815260200 17f5a6f6e652032
0000000000000000000000000000000000000000000000000000000815250905090565b600081519050919050565b6
000828252602082019050929150505 65b60005b838110156100c557808201518184015260208101905061 00aa56
5b600084840152505050505 65b6000601f19601f830116905091905056 5b60006100ed8261008b565b6100f78185
610096565b935061010781856020860161 00a7565b610110816100d1565b840191505092915050565b600060208
2019050818103600083015261013581846100e2565b90509291505056fea2646970667358221220b8236eeb307b
b1e0cc25993c06f915523963b48881be742dcf4e6e2fceb17ede64736f6c634300081200
```

FINALLY DEPLIOY IT TO DISPLAY THE OUTPUT