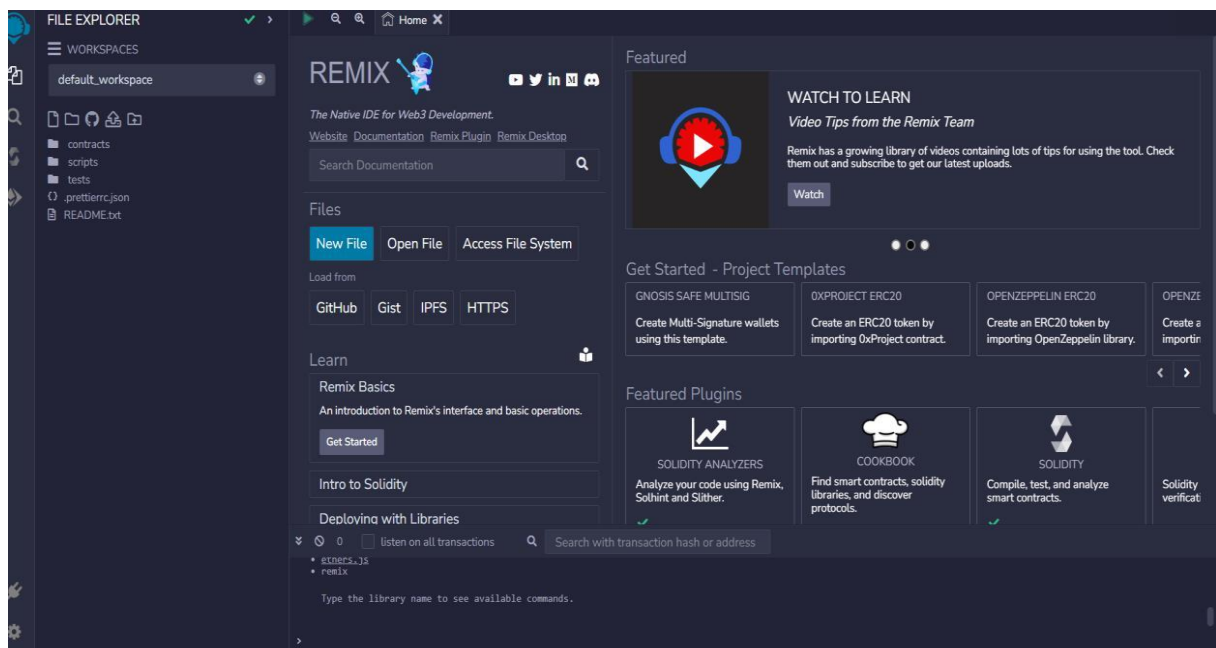
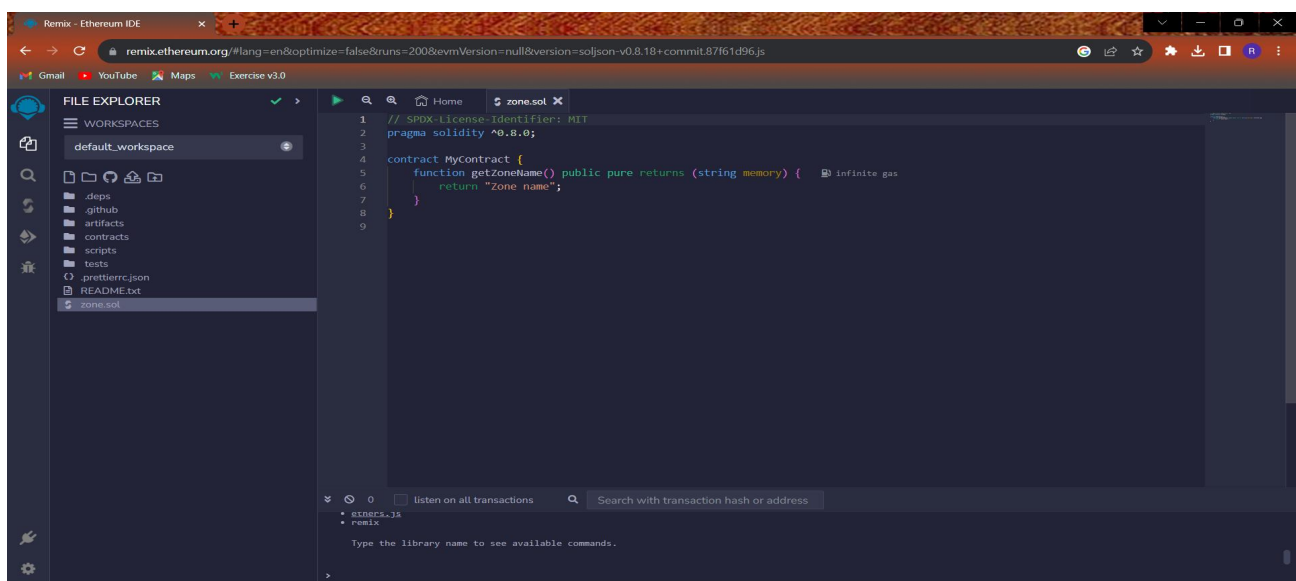


BLOCKCHAIN ASSIGNMENT-1

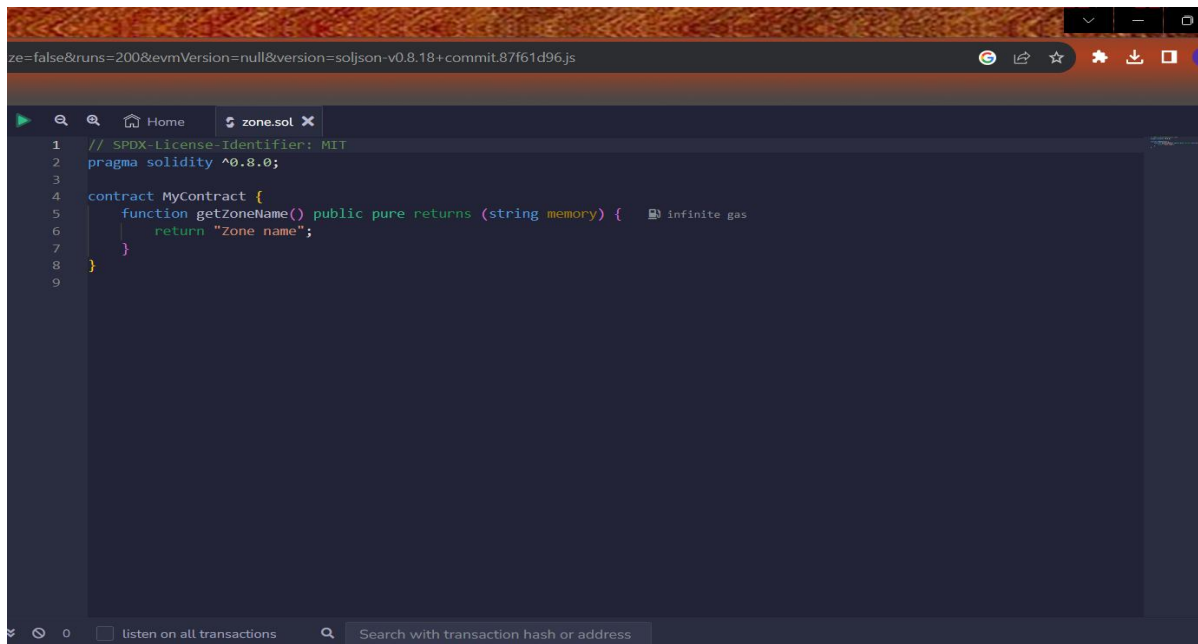
1. GO TO CHROME AND OPEN REMIX PLATFORM



2. OPEN REMIX PAGE AND CREATE NEW FILE.

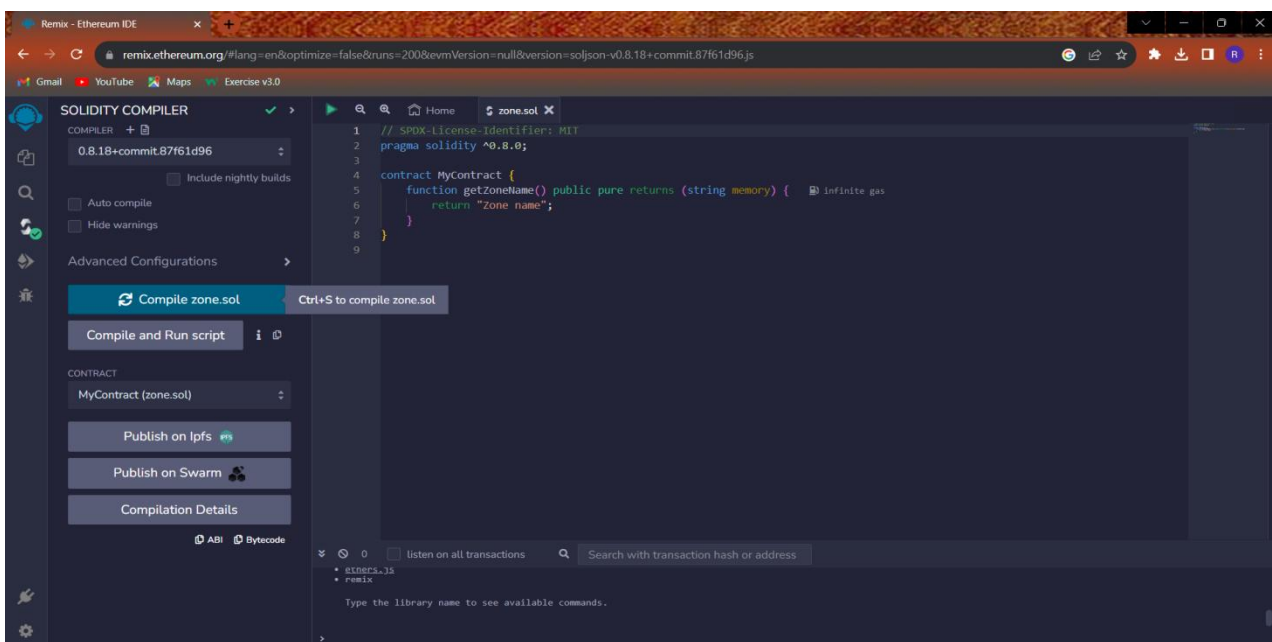


3. IN THAT NEWLY CREATED FILE, CREATE A PROGRAM TO RETURN THE STRING “ZONE NAME ”



```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract MyContract {
5     function getZoneName() public pure returns (string memory) { Infinite gas
6         return "zone name";
7     }
8 }
9
```

4.SAVE THE PROGRAM AND COMPILE IT TO GET THE ABI AND BYTE CODE



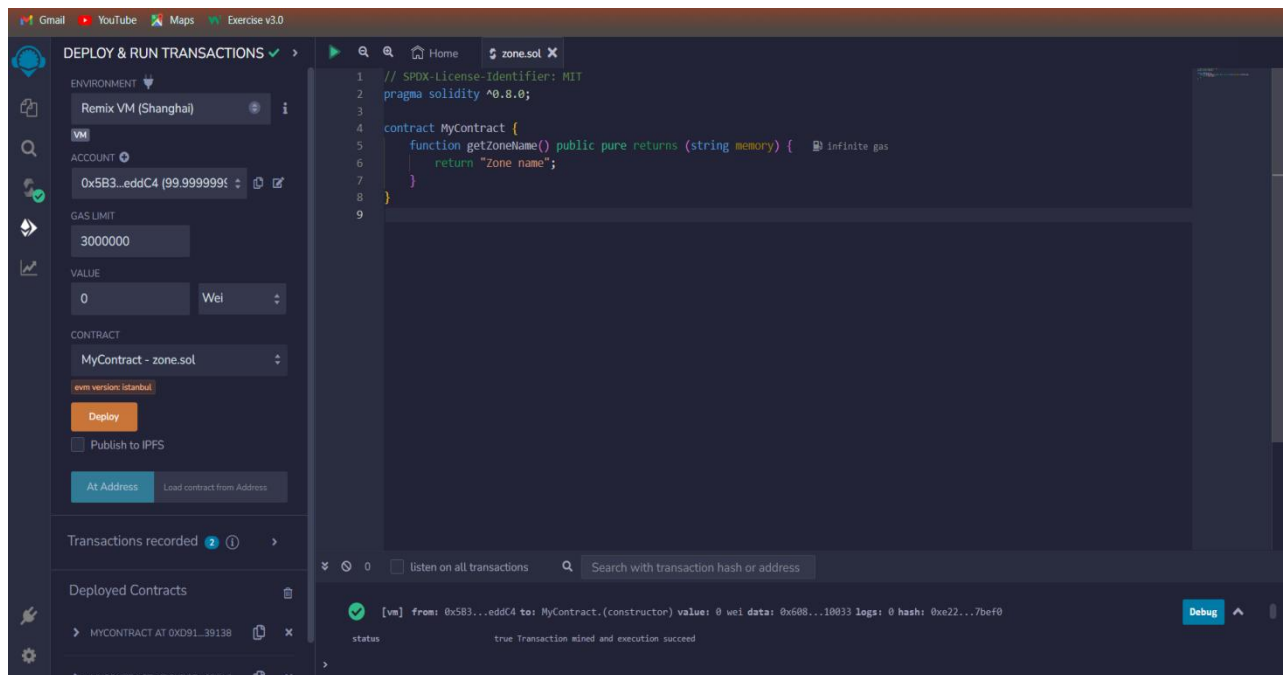
ABI :

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

BYTECODE :

```
{
  "functionDebugData": {},
  "generatedSources": [],
  "linkReferences": {},
  "object":"608060405234801561001057600080fd5b50610173806100206000396000f3fe6080604052348015610010576
00080fd5b506004361061002b5760003560e01c8063235ed70f14610030575b600080fd5b61003861004e565b60405161004591906
1011b565b60405180910390f35b60606040518060400160405280600981526020017f5a6f6e65206e616d65000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
b383110156100c55780820151818401526020810190506100aa565b60008484015250505050565b6000601f19601f830116905091
9050565b60006100ed8261008b565b6100f78185610096565b93506101078185602086016100a7565b610110816100d1565b84019
1505092915050565b6000602082019050818103600083015261013581846100e2565b90509291505056fea2646970667358221220
a3a9714ae9e6b27d4c9aaa9f8d6a0673da386265f9c15fcc734694b6cf71c43664736f6c63430008120033", "opcodes": "PUSH1 0x80
PUSH1 0x40 MSTORE CALLVALUE DUP1 ISZERO PUSH2 0x10 JUMPI PUSH1 0x0 DUP1 REVERT JUMPDEST POP PUSH2
0x173 DUP1 PUSH2 0x20 PUSH1 0x0 CODECOPY PUSH1 0x0 RETURN INVALID PUSH1 0x80 PUSH1 0x40 MSTORE
CALLVALUE DUP1 ISZERO PUSH2 0x10 JUMPI PUSH1 0x0 DUP1 REVERT JUMPDEST POP PUSH1 0x4 CALLDATASIZE LT
PUSH2 0x2B JUMPI PUSH1 0x0 CALLDATALOAD PUSH1 0xE0 SHR DUP1 PUSH4 0x235ED70F EQ PUSH2 0x30 JUMPI
JUMPDEST PUSH1 0x0 DUP1 REVERT JUMPDEST PUSH2 0x38 PUSH2 0x4E JUMP JUMPDEST PUSH1 0x40 MLOAD
PUSH2 0x45 SWAP2 SWAP1 PUSH2 0x11B JUMP JUMPDEST PUSH1 0x40 MLOAD DUP1 SWAP2 SUB SWAP1 RETURN
JUMPDEST PUSH1 0x60 PUSH1 0x40 MLOAD DUP1 PUSH1 0x40 ADD PUSH1 0x40 MSTORE DUP1 PUSH1 0x9 DUP2
MSTORE PUSH1 0x20 ADD PUSH32 0x5A6F6E65206E616D6500000000000000000000000000000000000000000000000000000000000000
MSTORE POP SWAP1 POP SWAP1 JUMP JUMPDEST PUSH1 0x0 DUP2 MLOAD SWAP1 POP SWAP2 SWAP1 POP JUMP
JUMPDEST PUSH1 0x0 DUP3 DUP3 MSTORE PUSH1 0x20 DUP3 ADD SWAP1 POP SWAP3 SWAP2 POP POP JUMP
JUMPDEST PUSH1 0x0 JUMPDEST DUP4 DUP2 LT ISZERO PUSH2 0xC5 JUMPI DUP1 DUP3 ADD MLOAD DUP2 DUP5 ADD
MSTORE PUSH1 0x20 DUP2 ADD SWAP1 POP PUSH2 0xAA JUMP JUMPDEST PUSH1 0x0 DUP5 DUP5 ADD MSTORE POP
POP POP POP JUMP JUMPDEST PUSH1 0x0 PUSH1 0x1F NOT PUSH1 0x1F DUP4 ADD AND SWAP1 POP SWAP2 SWAP1
POP JUMP JUMPDEST PUSH1 0x0 PUSH2 0xED DUP3 PUSH2 0x8B JUMP JUMPDEST PUSH2 0xF7 DUP2 DUP6 PUSH2
0x96 JUMP JUMPDEST SWAP4 POP PUSH2 0x107 DUP2 DUP6 PUSH1 0x20 DUP7 ADD PUSH2 0xA7 JUMP JUMPDEST
PUSH2 0x110 DUP2 PUSH2 0xD1 JUMP JUMPDEST DUP5 ADD SWAP2 POP POP SWAP3 SWAP2 POP POP JUMP
JUMPDEST PUSH1 0x0 PUSH1 0x20 DUP3 ADD SWAP1 POP DUP2 DUP2 SUB PUSH1 0x0 DUP4 ADD MSTORE PUSH2
0x135 DUP2 DUP5 PUSH2 0xE2 JUMP JUMPDEST SWAP1 POP SWAP3 SWAP2 POP POP JUMP INVALID LOG2 PUSH5
0x6970667358 0x22 SLT KECCAK256 LOG3 0xA9 PUSH18 0x4AE9E6B27D4C9AAA9F8D6A0673DA386265F9 0xC1 0x5F 0xCC
PUSH20 0x4694B6CF71C43664736F6C634300081200330000 ",
  "sourceMap": "60:126:0::-0....."
}
```

5.DEPLOY AND DISPLAY THE RESULT:



NAME : KANMANI S

NM_ID: B57042E60B3423085CC4B15E3D2639F7

COLLEGE/CODE: UCEK/5134