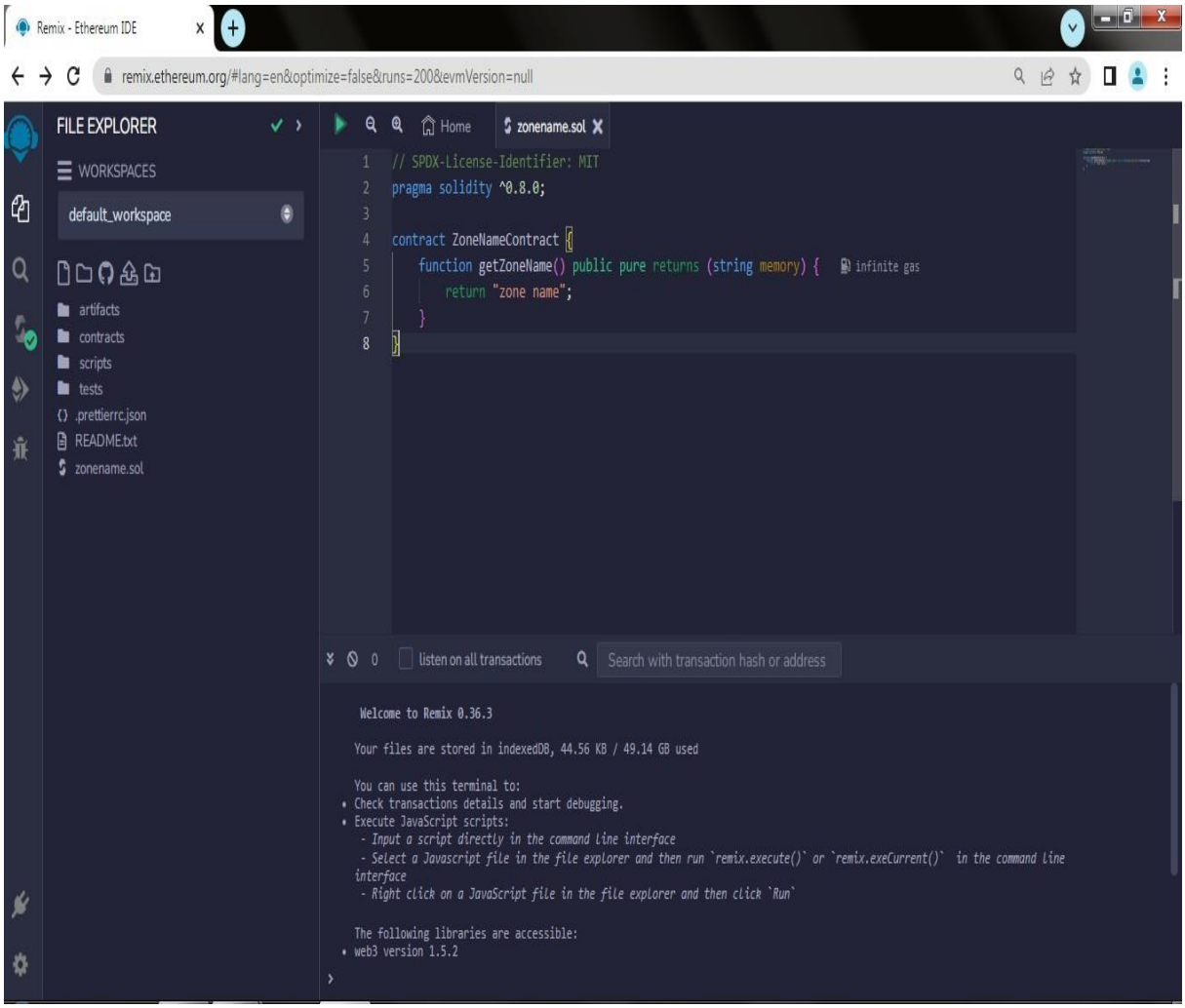
Assignment:1

To do:

Write a program to return string “zone name” in remix platform, save the program to get ABI code & BYTE code.

Deploy it to show the output.



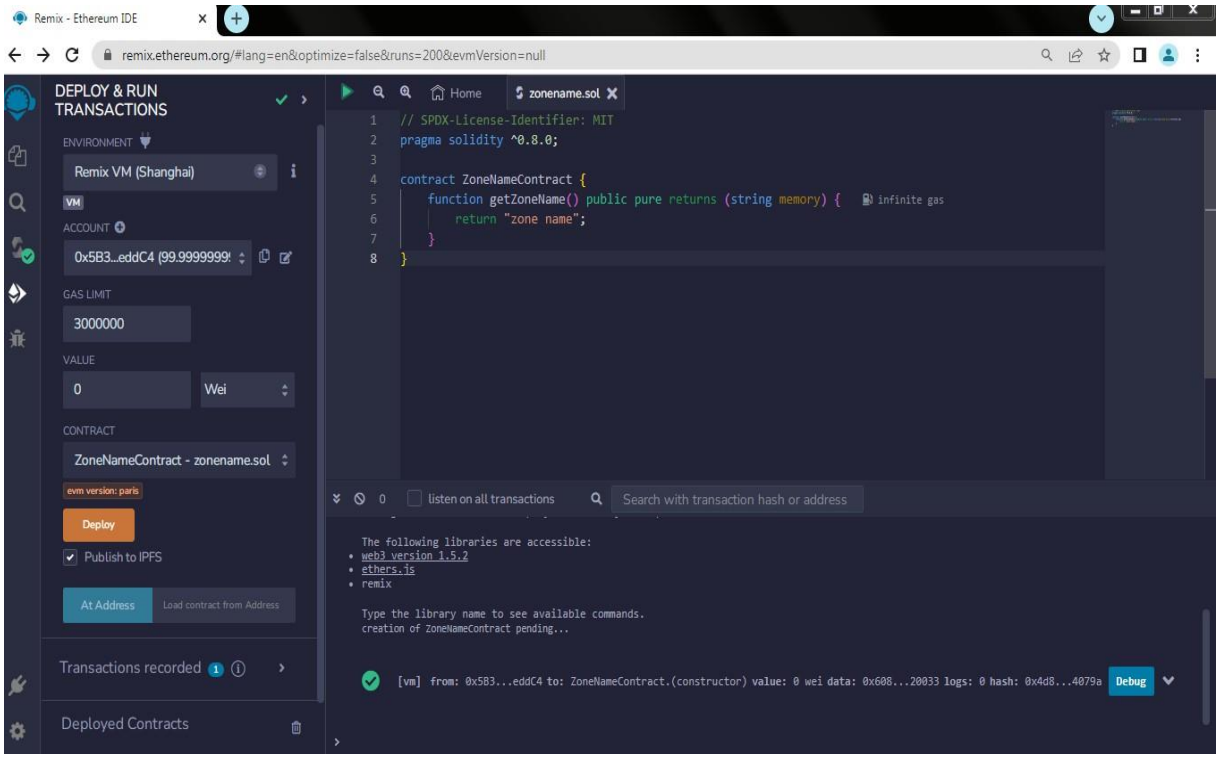
ABI COPY:


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


BYTE code copy:


```
6080604052348015610010576000800fd5b506101738061002060000396000f3fe6080604052348015610010
1057600080fd5b506004361061002b5760003560e01c8063235ed70f14610030575b600080fd5b610038
61004e565b604051610045919061011b565b60405180910390f35b6060604051806040016040528060600
981526020017f7a6f6e65206e616d650000000000000000000000000000000000000000000008152509
05090565b60008151905090190505565b60008282526020820190509291505056 5b60005b838110156100
c557808201518184015260208101905061 00aa565b60008484015250505050565b6000601f19601f8301
169050919050565b60006100ed8261008b565b6100f78185610096565b935061010781858602086016100
a7565b610110816100d1565b840191505092915050565b60006020820190508181036000830152610013
581846100e2565b9050291505056fea2646970667358221220 55a3d4ed2684ab770255f12a2928aeb4df
fc404b376981ee0fb7d6315df8781e64736f6c63430008120033
```

DEPLOY COPY:


Remix - Ethereum IDE
remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null
DEPLOY & RUN TRANSACTIONS
ENVIRONMENT
Remix VM (Shanghai)
VM
ACCOUNT
0x5B3...eddC4 (99.9999999
GAS LIMIT
3000000
VALUE
0
Wei
CONTRACT
ZoneNameContract - zonename.sol
evm version: paris
Deploy
Publish to IPFS
At Address
Load contract from Address
Transactions recorded 1
Deployed Contracts
Home
zonename.sol
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract ZoneNameContract {
function getZoneName() public pure returns (string memory) {
infinite gas
return "zone name";
}
}
listen on all transactions
Search with transaction hash or address
The following libraries are accessible:
web3 version 1.5.2
ethers.js
remix
Type the library name to see available commands.
creation of ZoneNameContract pending...
[vm] from: 0x5B3...eddC4 to: ZoneNameContract.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0x4d8...4079a
Debug