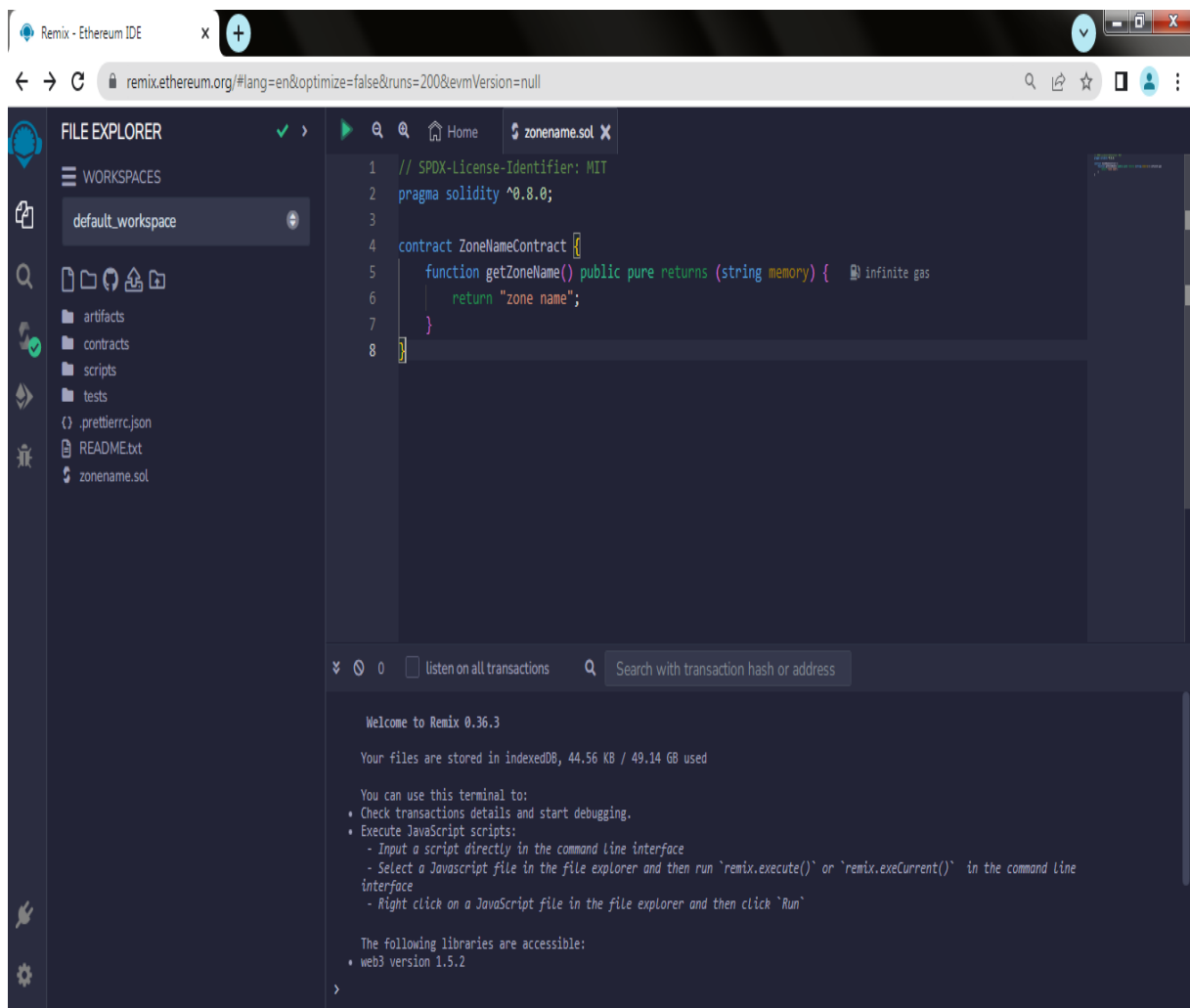


# Assignment:1

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:

[illegible]

## DEPLOY COPY :

The screenshot displays the Remix Ethereum IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' sidebar is active, showing the 'Remix VM (Shanghai)' environment. The 'ACCOUNT' is set to '0x5B3...eddC4 (99.9999999%)'. The 'GAS LIMIT' is set to '3000000'. The 'VALUE' is '0 Wei'. The 'CONTRACT' is 'ZoneNameContract - zonenumber.sol'. The 'Deploy' button is highlighted. Below it, the 'Publish to IPFS' checkbox is checked. The 'At Address' button is also visible. The 'Transactions recorded' section shows '1' transaction. The 'Deployed Contracts' section is empty.

The main editor shows the Solidity code for the 'ZoneNameContract' in 'zonenumber.sol':

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

The bottom panel shows the transaction details for the deployment:

- 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...20833 logs: 0 hash: 0x4d8...4079a
- Debug