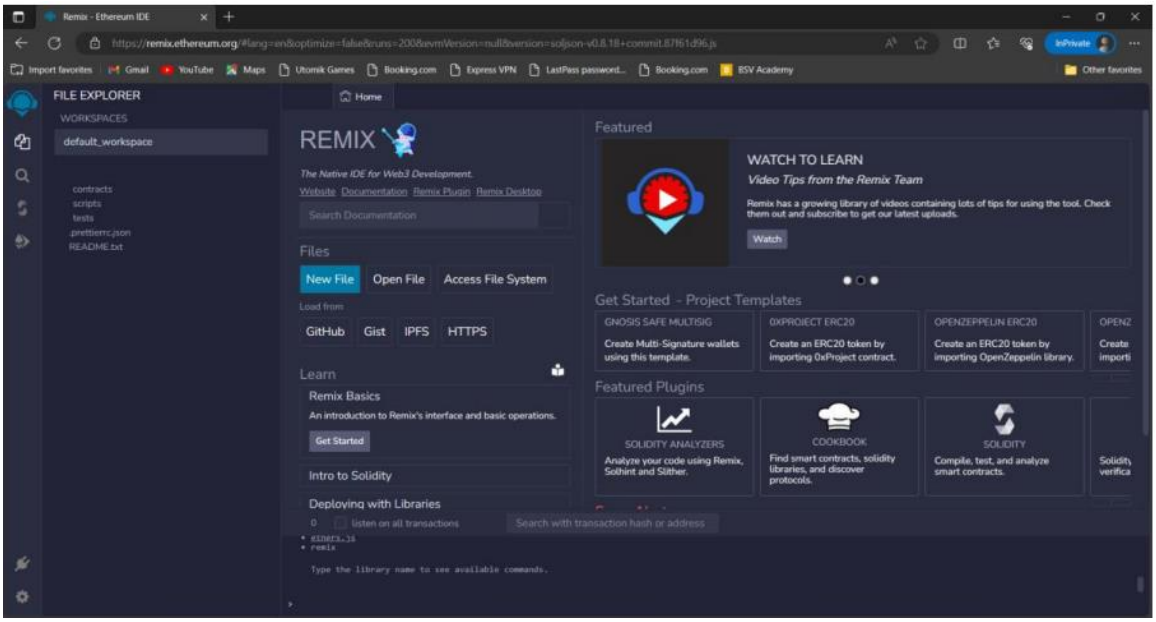
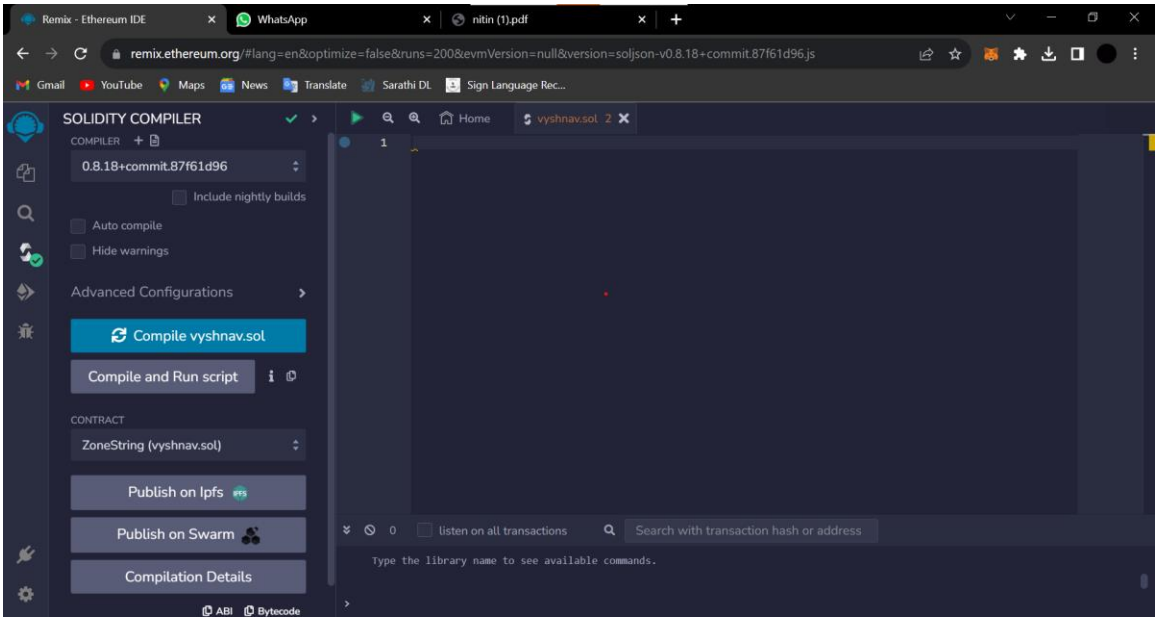
Blockchain Technology

Assignment-01

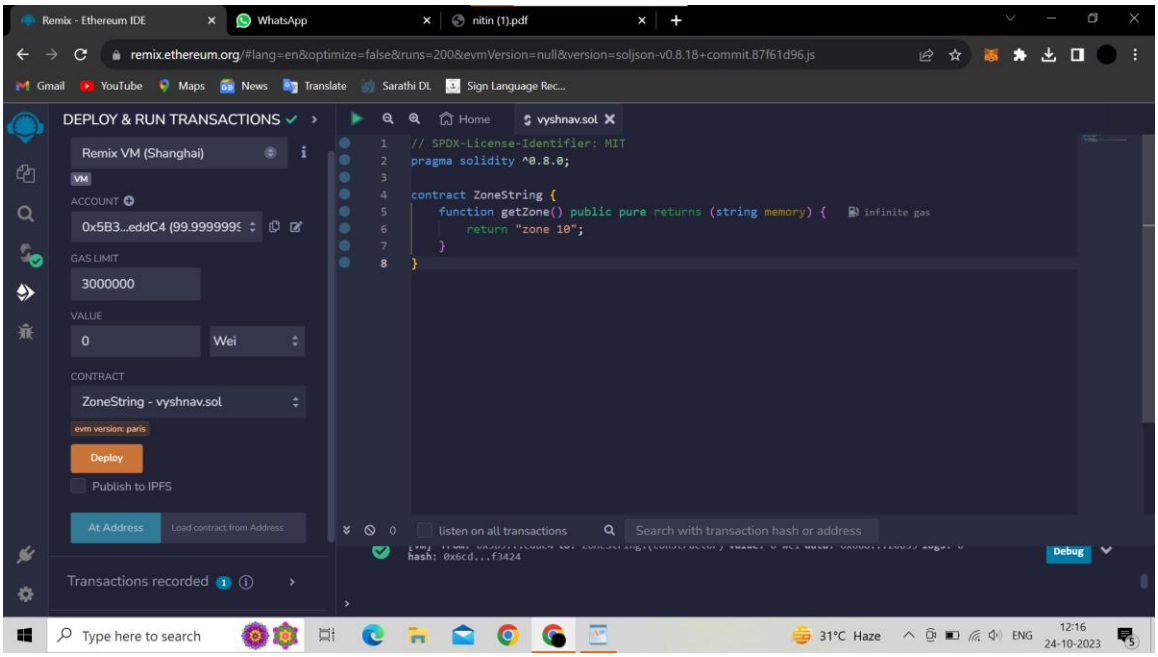
1. Open Remix Platform



2. Creating a new file



3. Program to return a string



4. ABI

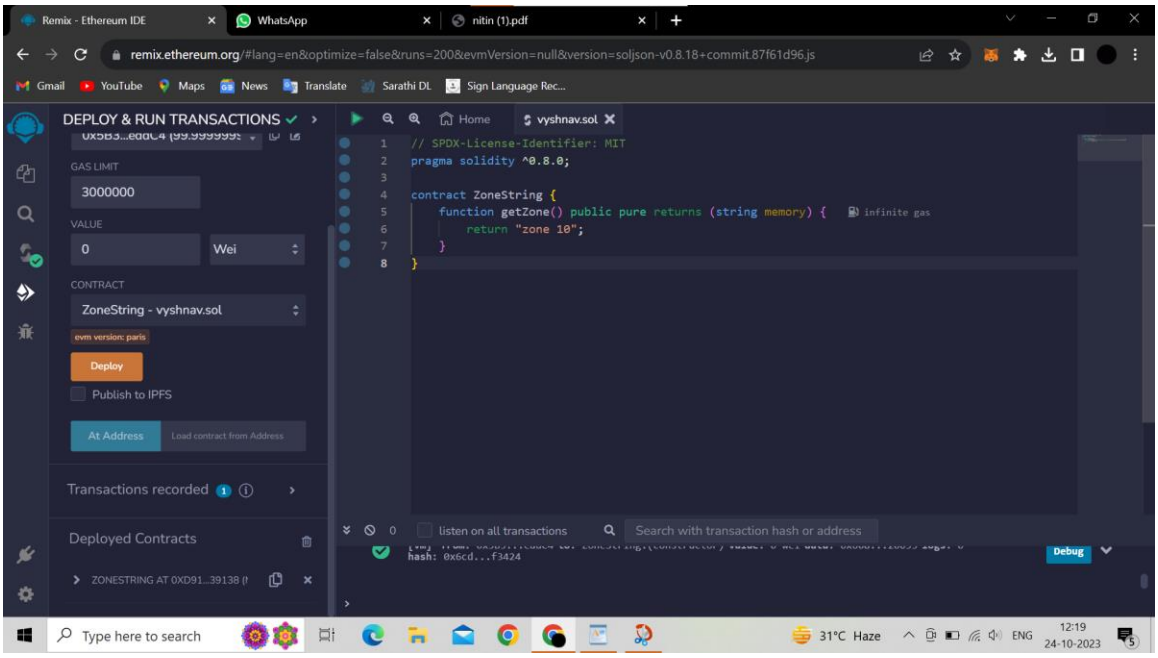
```
[
	{
		"inputs": [],
		"name": "getZone",
		"outputs": [
			{
				"internalType": "string",
				"name": "",
				"type": "string"
```

```
                }
            ],
            "stateMutability": "pure",
            "type": "function"
        }
]
```


Byte Code

608060405234801561001057600080fd5b506101738061002060003960000f3fe6080604052348015610010
057600080fd5b506004361061002b5760003560e01c8063f9095eb714610030575b600080fd5b61003861
004e565b604051610045919061011b565b60405180910390f35b606060405180604001604052806007 81
526020017f7a6f6e65203130000000000000000000000000000000000000000000000000008152509050
90565b600081519050919050565b60008282526020820190509291505056 5b60005b838110156100c55
78082015181840152602081019050610 0aa565b60008484015250505050565b6000601f19601f8301169
050919050565b60006100ed8261008b565b6100f78185610096565b935061010781856020860161 00a75
65b610110816100d1565b840191505092915050565b60006020820190508181036000830152610135 81
846100e2565b90509291505056fea2646970667 3582212204b9f0750a2a3397017aa9785fe03a01c183ef
b0facfde3b3f918a9bedb2d224164736f6c63430008120033
```


**5. Deployment**
```


Remix - Ethereum IDE
WhatsApp
nitin (1).pdf
remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js
Gmail
YouTube
Maps
News
Translate
Sarathi DL
Sign Language Rec...
DEPLOY & RUN TRANSACTIONS
GAS LIMIT
3000000
VALUE
0
Wei
CONTRACT
ZoneString - vyshnav.sol
evm version: paris
Deploy
Publish to IPFS
At Address
Load contract from Address
Transactions recorded
Deployed Contracts
ZONESTRING AT 0XD91...39138
Home
vyshnav.sol
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract ZoneString {
function getZone() public pure returns (string memory) {
infinite gas
return "zone 10";
}
}
listen on all transactions
Search with transaction hash or address
Debug
Type here to search
31°C Haze
ENG
12:19
24-10-2023