NAAN MUDHALVAN ASSIGNMENT 1.

Block Chain Technology:

Print zone name, get ABI and Bytecode.

Name : Iqjaz Jameelath Raahina .S.A

SOLIDITY COMPILER

Compile and Run script

CONTRACT

zone (zone.sol)

Publish on Ipfs

Publish on Swarm

Compilation Details

ABI   Bytecode

```solidity
// SPDX-License-Identifier: HIT

//student name: Iqjaz Jameelath Raahina.S.A
pragma solidity^0.8.0;

contract zone{
    function sayZone() public pure returns(string memory){
        return "Zone - Thoothukkudi, Nazareth";
    }
}
```

listen on all transactions   Search with transaction hash or address

11:41
02-10-2023

DEPLOY & RUN TRANSACTIONS

CONTRACT

zone - zone.sol

evm version: paris

Deploy

Publish to IPFS

At Address   Load contract from Addres

Transactions recorded 2

Deployed Contracts

```solidity
// SPDX-License-Identifier: HIT

//student name: Iqjaz Jameelath Raahina.S.A
pragma solidity^0.8.0;

contract zone{
    function sayZone() public pure returns(string memory){
        return "Zone - Thoothukkudi, Nazareth";
    }
}
```

listen on all transactions   Search with transaction hash or address

11:55
02-10-2023

DEPLOY & RUN TRANSACTIONS

zone - zone.sol

evm version: paris

Deploy

Publish to IPFS

At Address   Load contract from Addres

Transactions recorded 4

Deployed Contracts

ZONE AT 0X692...77B3A (MEM

```solidity
// SPDX-License-Identifier: HIT

//student name: Iqjaz Jameelath Raahina.S.A
pragma solidity^0.8.0;
```

listen on all transactions   Search with transaction hash or address

data: 0x608...20033 logs: 0 hash: 0x5b3...e5d80
creation of zone pending...

[vm] from: 0x787...caba8 to: zone.(constructor) value: 0 wei
data: 0x608...20033 logs: 0 hash: 0x779...6fa8f   Debug
creation of zone pending...

[vm] from: 0xCA3...a733c to: zone.(constructor) value: 0 wei
data: 0x608...20033 logs: 0 hash: 0x472...5e568   Debug

12:02
02-10-2023

```
Remix link : https://remix.ethereum.org/

Program :

// SPDX-License-Identifier: HIT
pragma solidity^0.8.0;

contract zone{
    function sayZone() public pure returns(string memory){
        return "Zone - Thoothukkudi, Nazareth";
    }
}

ABI :

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



```
ABI :

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

Bytecode :
```

6080604052348015610010576000806fd5b5061017380610020600396000f3fe60806040523480156100105760008060fd5b5060004361061002b5760003560e01c806302020126146100305575b600080fd5b5b61003861004e565b60405161004591906101011b565b604051809101390f35b606006040518060400160405280601d81526020017f5a6f6e65205202d2054686f6f74687568b6b6b7564692c204e617a617617265746800000081525090905090565b600081519059190505650565b600828252602082019050929150505650565b60005b83811101561000c5578082015181840152602081019050600aa565b6000084840152505050505650565b6000601f19601f83011690509190505650565b60000610ded8261008b565b6100f78185610096565b93506101010781856020860160016100016d1565b840191505092915005b56000060208201905081810360008301526101358184610100e2565b90509291505056fea2646970667366735822122073b734d78505169 2ed7be348d817169af2b8d5a2e7c4177500ac7a0d5e2d264764736f6c63430008120033