Name: Kartik Bapna

Roll No.:

Enrollment No.: MITU21BTITD006

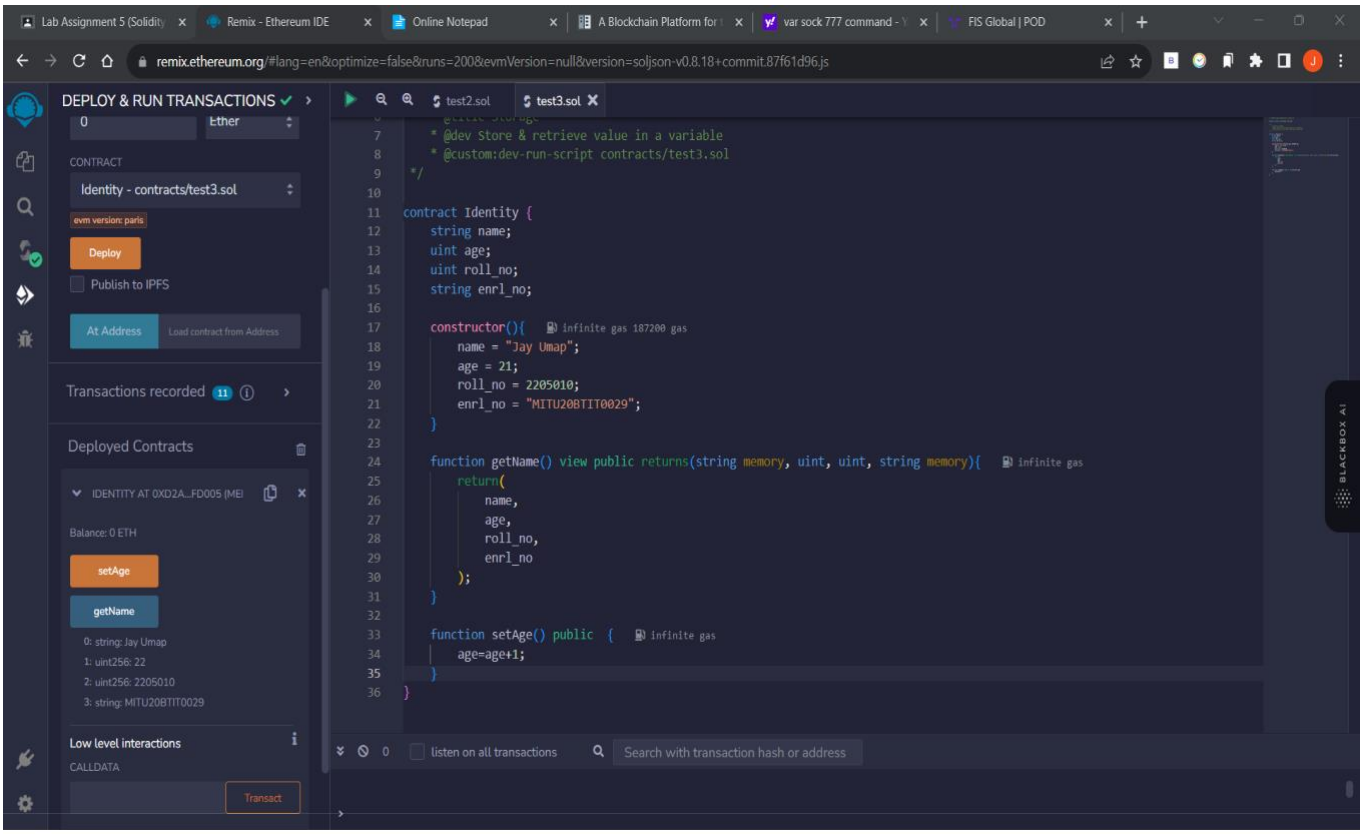
Class: LY IT Core

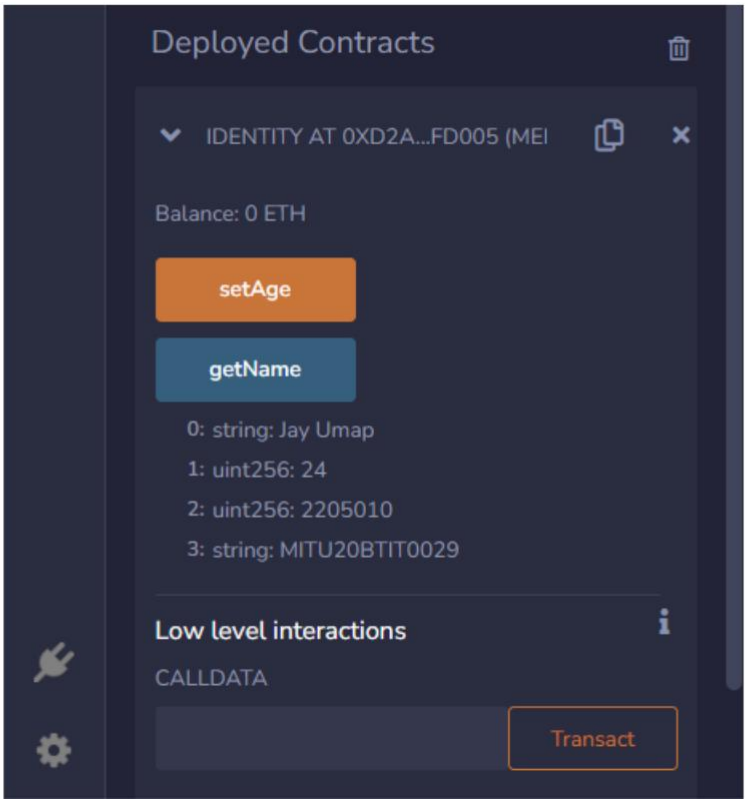
Assignment No. 5: Solidity (Part 1)

Execute the following code in remix ide (https://remix.ethereum.org/)

```
// SPDX-License-Identifier: GPL-3.0

pragma solidity >= 0.6.0 < 0.9.0;

/**
    * @title Storage
    * @dev Store & retrieve value in a variable
    * @custom:dev-run-script contracts/test3.sol
 */

contract Identity {
    string name;
    uint age;
    uint roll_no;
    string enrl_no;

    constructor(){
        name = "Joshoua Simon";
        age = 21;
        roll_no = 2205011;
        enrl_no = "MITU20BTIT0029";
    }

    function getName() view public returns(string memory, uint, uint, string
memory){
        return(
            name,
            age,
            roll_no,
            enrl_no
        );
    }

    function setAge() public  {
        age=age+1;
    }
}
```

Output:


DEPLOY & RUN TRANSACTIONS
CONTRACT
Identity - contracts/test3.sol
Deploy
Publish to IPFS
At Address
Transactions recorded
Deployed Contracts
Balance: 0 ETH
setAge
getName
0: string: Jay Umap
1: uint256: 22
2: uint256: 2205010
3: string: MITU20BTIT0029
Low level interactions
CALLDATA
Transact
test2.sol
test3.sol
* @dev Store & retrieve value in a variable
* @custom:dev-run-script contracts/test3.sol
contract Identity {
string name;
uint age;
uint roll_no;
string enrl_no;
constructor(){
name = "Jay Umap";
age = 21;
roll_no = 2205010;
enrl_no = "MITU20BTIT0029";
function getName() view public returns(string memory, uint, uint, string memory){
return(
name,
age,
roll_no,
enrl_no
);
function setAge() public {
age=age+1;
listen on all transactions
Search with transaction hash or address


Deployed Contracts
IDENTITY AT 0XD2A...FD005 (MEI
Balance: 0 ETH
setAge
getName
0: string: Jay Umap
1: uint256: 24
2: uint256: 2205010
3: string: MITU20BTIT0029
Low level interactions
CALLDATA
Transact