2) Write a Smart Contract for Understanding State Variables in Solidity Programming Language.

Ans:

// SPDX-License-Identifier: MIT

pragma solidity  >= 0.7.0 < 0.9.0;

//2) Write a Smart Contract for Understanding State Variables in Solidity Programming Language.

contract state {

    uint public mynum; //THIS IS STATE VARIABLE

    function num(uint \_NO) external  {

        mynum=\_NO;

    }

function reset()external {

    mynum=0;

}

function getmynum()external view returns (uint) {

    return mynum;

}

function getmynumplus1()external view returns (uint) {

    return mynum+1;

}

}

A screenshot of a computer program

Description automatically generated