3) Write a Smart Contract for Understanding Local Variables in Solidity Programming Language.

Ans:

// SPDX-License-Identifier: MIT

pragma solidity  >= 0.7.0 < 0.9.0;

//3) Write a Smart Contract for Understanding Local Variables in Solidity Programming Language.

contract local {

uint public firstvariable;

bool public secondvariable;

address public myAddress;

function localVar() external  {

uint mynum=80; //loval variable

bool mybool=false; //loval variable

mynum=mynum+80;

mybool=true;

firstvariable=80;

secondvariable=true;

myAddress=address(1960);

}

}

A screenshot of a computer program

Description automatically generated