// local variable

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

pragma solidity >=0.5.0<0.9.0;

// Local Variables: variables which are defined under fucntion. syored in stack.

// Note: state varibale "contact" me store hote the, like in blockchain ke ander, jabki local sirf local hi hota hai na ki blockchain me.

contract Local

{

    string name;   // state variable

    // string variable used in contact level variable. if ypu used it for loacl, give word memory after that.

    function store() pure public returns(uint)

// not affecting to state variable, na hi stae varibale ko read kar raha na hi koi chnage la raha usme

    {

        string memory Newname="Adarsh";   // all new variable are local varibale.

        uint age=10; // this is local variable store in stack not inside cotract blockchain

        return age;

    }

}

// Local   variable store inside functions

// local variable is independent of cost # gas

// string using in memory storage.

// memory cant be used in contract level.