/// solidity Introduction

// SPDX-License-Identifier: GPL-3.0  // our license no.

// pragma : enable some compile feature for check

//uint: unsigned(+) integer

// note: no of state variable proporsional to gas.

/\* to change state variable valuez:

1. Using constructor
2. Initialize at declration time
3. Using setter function

\*/

pragma  solidity >= 0.5.0 < 0.9.0  ; //5 to 9  version chal sakta following decimals

contract state

{

    uint age;

    // default value is 0 in solidity

    string name;

    constructor() public

    // constructor hai, to change state variable.

    {

        name ="Sriesti";

        age=19;

    }

    function getname() view public returns(string memory)

    // function FunctionName() view public  returns(datatype)

    /\* functionName + view+ return\*/

    ///\*view public hoga ki private\*/

    /\*return kya kafrega agar view public hoga\*/

    {

        return name;

    }

    function getage() view public returns(uint )

    {

        return age;

    }

    function setAge() public

    // increamnet as many times as call whole script

    {

        age=age+1;

    }

}