// functions

// SPDX-License-Identifier: GPL-3.0

pragma solidity >=0.5.0<0.9.0;

// compiler ke liye

// Task: set age with the help of framing setter and getter function

contract local

{

    // state variable

    uint age=10;

    // function can be 2 types , view or pure

// while defining a function always use a () after its name.

    function getter() view public returns(uint) // string memeory in return if return type is string.

    // view public says , viewing

    // "public" same as  in java, functiin can be acced from anywhere.

    // pure ka matlab, no more realtion with existing parameters, totally separted code will be coded.

    {

        return age;

    }

    // setting a function

    function setter()  public  // here view is not write bcz we are doing modification of state variable

    {

        age=age+2;

    }

    // Input function

    // uint amt as args in function sriesti is input for it.

    function sriesti(uint amt) view public returns(uint)

    {

        return amt\*10;

    }

}

// if u r framing any stae variable to public , dont code getter function for that public state variable.

// setter function gas

// by default variable visisbility is "Private"

// if we use “public” while initializing state variable then we don’t need to code getter function for that.