// loops

//SPDX-License-Identifier: GPL-3.0

pragma solidity >0.5.0<0.9.0;

// 3 loops in solidity//

    /\*

    while

    for

    do-while\*/

contract loop

// note: loop always defined by within a function.

{

    uint[3] public arr;

    // default values in array is zero [0,0,0,0] if not initialized.

    uint public count;

    // default value of count is zero.

    function lop() public{

        while (count<arr.length)

        {

            arr[count]=count;

            count=count+1;

        }

    }

    function LoofFor() public

    {

        count =0;

        for (uint i=0;i<arr.length;i++)

        {

            arr[count]=count\*34;

            count=count+1;

        }

    }

    function dowhile() public

    {

        do

        {

            arr[count]=count\*1000;

            count=count+1;

        }while(count<arr.length);

    }

}

/\* do while loop format:

do

{

    //code

} while condition;

\*/

// jab bhi koi loop banana ho , use function ke ander hi banao.