// complex mapping

// SPDX-License-Identifier: GPL-3.0

pragma solidity >0.5.0<0.9.0;

contract demo

{

    // defining new data structure complex

    struct newDataStructure

    {

        uint v1;

        string s1;

    }

    mapping(uint=>newDataStructure)  dict;

    function f1(uint x, uint y, string memory z) public

    // lcal string call kar rahe isliye memeory call karo for it as local cache.

    {

        dict[x]=newDataStructure(y,z);

        // note key cannot be complex, values can

        // mapping alwasy store in contract, so we have to pay gas finally.

    }

}