// mapping

// SPDX-License-Identifier: GPL-3.0

pragma solidity >0.5.0<0.9.0;

// mapping: key, value pair, pythn me dict samjo.

//mapping(key=>value)

// key ko value se match karna.

// syntex"

//mapping(uint=>string) public dict1;

// array me sequential order chaiye, but makking me keys ka ki bhi order nahi hota.

contract dictionary

{

    mapping(uint=>string) public dictMain;

    function dict(uint key, string memory value) public

    // memory is used with string becuase string is defined in state variable, if we have to define this data type as in local variable , allot some memory.

    // conclusion: when ever u define string ds, add memory for it in local variable.

    // no need to add memory in state variable with string ds.

    {

        dictMain[key]=value;

    }

}