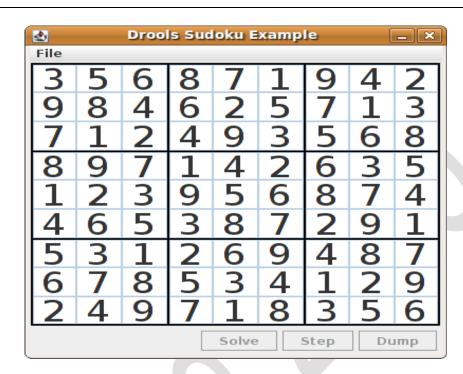
CREATIVE PROBLEM SOLVING

sandeep@beingzero.in

Date 17/12/2014



SUDOKU VALIDATOR

CONCEPTS: Arrays, Loops

LEVEL: Easy

SUDOKU is a popular board game of size 9x9 where three a valid solution needs to have following three conditions met:

- 1. A row should have number 1-9 only once. [9x9]
- 2. A column should have number 1-9 only once. [9x9]
- 3. Each 3x3 block should have number 1-9 only once. [3x3]

PROBLEM STATEMENT

Given a filled SUDOKU board in the form of 2D matrix of size 9x9, write a function that validates if solution is valid or not.

Input

9x9 Array of integers

<u>Ouptut</u>

A String - VALID or INVALID

CREATIVE PROBLEM SOLVING

sandeep@beingzero.in

SAMPLE TEST CASES

	Input	Output
Test Case 1	835416927 296857431 417293658 569134782 123678549 748529163 652781394 981345276 374962815	VALID
Test Case 2	835416927 296857431 4172913658 569134782 123678549 748529163 652781394 9813410276 3749612815	INVALID
Test Case 3	835416927 296857431 417293658 562134782 123678549 748521163 652781394 981345276 374962815	INVALID
Test Case 4	835416927 2968-57431 417293658 562134782 123678549 748521163 652781394 981045276 374962815	INVALID