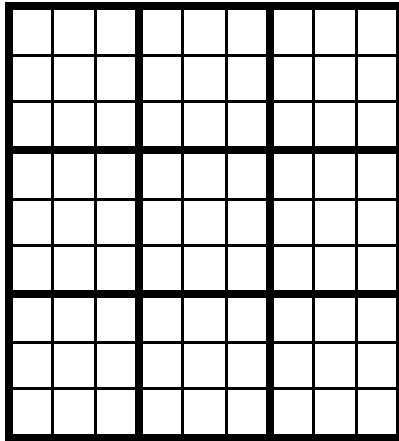


Sudoku Check

Sudoku is a popular logic puzzle that is played on a 9x9 grid partitioned into nine 3x3 blocks.



The goal of Sudoku is to fill the 9x9 grid using only the integers 1-9 such that:

No digit is repeated in any row.

No digit is repeated in any column

No digit is repeated in any 3x3 block.

		8				1	2	5
7	4	3	1	2	5	8	6	9
		2				7	4	3
		5						
		9						
		6						
		4						
		7						
		1						

Write a function that determines if a proposed solution is valid.

```
bool valid_sudoku(vector<vector<int>> &s)
```

where

s - candidate solution (i.e., 9x9 grid)

returns true if **s** is a valid Sudoku solution, otherwise returns false.