

Sudoku Problem:

Sudoku.txt contains a 9x9 matrix solution to a Sudoku problem with values ranging from 1 to 9.

The rules of Sudoku are the following:

1. Each row should have the number 1 through 9 (no repeats)
2. Each column should have the number 1 through 9 (no repeats)
3. Each of the nine 3x3 squares should have the number 1 through 9 (no repeats)

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

Write a Matlab script that will load in the file, evaluate whether the matrix satisfies the rules stated above, and display yes/no depending on the result.