Problem formulation

Sudoku game

	2		3	5	4
		4	2		
	2	4			
	5	1	3	2	
			4		
		5	2	3	

1	2	6	3	5	4
5	3	4	2	1	6
3	1	2	4	6	5
6	4	5	1	3	2
2	5	3	6	4	1
4	6	1	5	2	3

States:location of number **initial**

state: some specified numbers

successor function:move and input number

 goal test:number can't repeted in the same row and the same column

path cost: 1per input

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