



AISC Round 2 (Problems)

Rules

1. **Sudoku XV is the variation of the original sudoku. All adjacent cells with two digits summing to 10 are marked by X, while those summing to 5 are marked by V. The cells edges which do not contain an X or a V cannot have digits summing to 5 or 10.**
2. **Triple Doku consists of three grids 9×9 . The numbers must be placed correctly for all puzzle squares.**
2. **Outside Sudoku is a variation of the standard sudoku. Some digits are given outside the grid. These digits must appear in the first three cells in the corresponding direction.**
3. **Note the answer key, all digits in highlighted cell without space, left to right.**
4. **Submit the answer key at contest page.**

Problem 1: XV Sudoku

	x		x 1		3 x		
→	7		x		v		
	x 1	v 2			5	x 6	
	x	x	x x			x	
	9 x	3 v	x		5	4	
→	x 4			5 7	9 x	2	x
	x 7		1 v	9			
			x		v		
	1			7 4	x		
	8	9		x 3 v			
	v 2		8		x 4	9	

Problem 2 : 3 Grid

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

Problem 3 : Outside Sudoku

