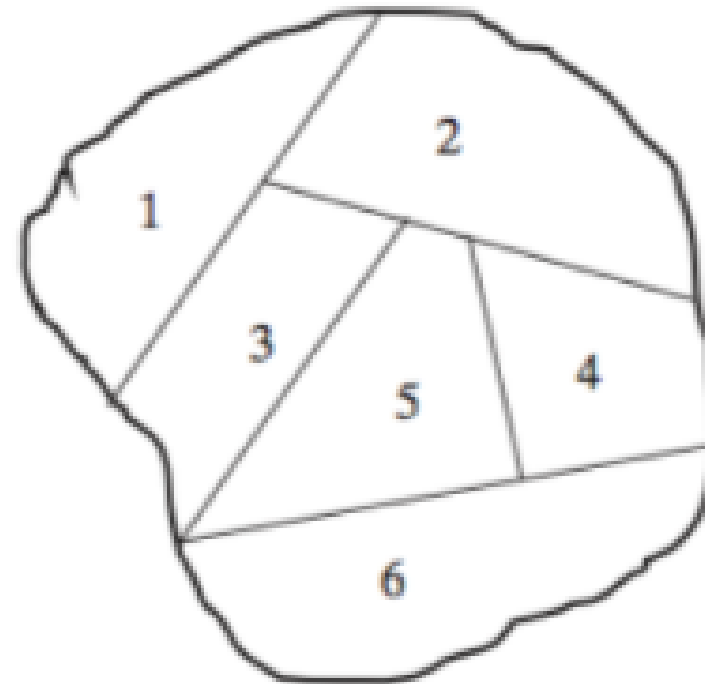# Lab Assignment

Constraint Satisfaction Problems

1. Find the minimum number of colours used to paint the six regions using the method of back tracking

2. After computing the minimum colors required, Find out the optimal heuristic (Minimum values remaining/ Maximum constraints first) for map-colouring problem.

3. Include the heuristic and re-run the code.

Write a program to solve the given Sudoku puzzle and include minimum values remaining heuristic in the program

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