**CS3096 Computational Intelligence Laboratory**

**Assignment 3** 10/09/2018

Constraint Satisfaction Problem.

Implement the following programs using LISP

Q1) Implement N-Queens problem .

The program should print all the board configurations of size NXN such that N Queens can be placed in the board without any conflict.(The value N should be given as input)

Q2) Propositional Satisfiability.(2-SAT Problem)

Write a program that can find models for propositional well formed formulas given in CNF form with every clause having two terms (e.g. (AѵB)ᴧ(B ѵ┐D) ᴧ (CѵB)). If no model exists it should return "unsatisfiable".