**Lab 6 Instructions**

You have to build the adjacency matrix for the constraint graph, given a set of variables and a set of binary constraints.

Your program should input N – the number of variables.

Assume that the variables are V(1), V(2) … V(N)

Input NoC – the number of constraints

Now input NoC number of binary constraints

e.g. N = 4

NoC = 3

V(1) < V(2)

V(1) > V(3)

V(2) < V(3)

You will have to write a simple parser that checks each line of constraint and sees which variables are involved in that constraint. Based on the output of the parser your program decides which nodes have edges between them.

Upload your program and a sample output on Moodle. Also, show your work, even if it is partial, during the lab.