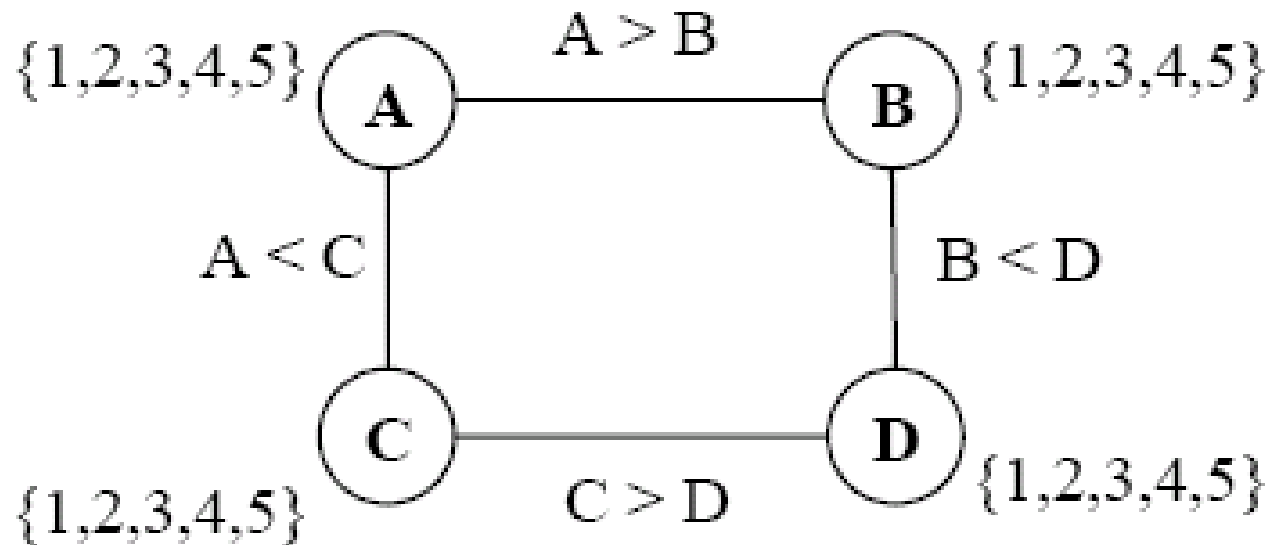


Q2 –Forward Checking (C)

C. Forward checking with MRV heuristic...



Q2 –Forward Checking (C)

- FC: after assigning a value to each variable (A for instance) check all unassigned variables that are connected to it (B and C in the case of node A) , and delete any inconsistent value from their domains.

Assignment	A	B	C	D
A=1	1	-----	2,3,4,5	1,2,3,4,5
A=2	2	1	3,4,5	1,2,3,4,5
B=1	2	1	3,4,5	2,3,4,5
C=3	2	1	3	2
D=2	2	1	3	2

failure

Start again

Solution