Foundations of Constraint Programming
Tutorial 6 (on January 21st)

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Exercise 6.1:
Consider the following CSP C together with the ordering $x \prec y \prec z$:

$$\langle x \neq y, y > z, x < z; x \in \{1, 2, 3\}, y \in \{2, 3, 4\}, z \in \{1, 2, 3, 4\}\rangle$$

Give a *prop* labeling tree associated with C (cf. Slide VII/13-14) for each of the two constraint propagation methods Forward Checking and MAC (Full Look Ahead).

Exercise 6.2
Consider the following CSP P, together with the ordering $y \prec x \prec z$:

$$\langle x < y, z > x, y \geq z, x > 1; x \in \{1, 2, 3, 4\}, y \in \{1, 2, 3, 4\}, z \in \{2, 3, 4, 5\}\rangle$$

Give a *prop* labeling tree associated with P for the constraint propagation method MAC.