Foundations of Logic Programming
Tutorial 5 (on January 6th)

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Exercise 5.1:
Consider the following program:

$$p(X) \leftarrow r([a|X])$$
$$r([Y|X]) \leftarrow s(X)$$
$$s([Y|X]) \leftarrow p(X)$$

a) Provide a level mapping for which the program is recurrent.

b) Provide a bounded query for this level mapping which contains at least one variable.

c) Provide an unbounded query for this level mapping.