

Prolog

1 Problem 1

Define the relation

reverse(List,ReversedList)

that reverses lists. For example:

reverse([a, b, c, d], [d, c, b, a]).

2 Problem 2

Rewrite the monkey world program as the relation

canget(State,Actions)

to answer not just 'yes' or 'no', but to produce a sequence of monkey's actions represented as a list of moves. For example:

Actions = [walk(door, window), push(window, middle), climb, grasp]