EXPERIMENT 32

Prolog program for solving monkey and banana

room(state(at\_door, on\_floor, has\_not)).

move(climb\_box, state(at\_door, on\_floor, has\_not), state(at\_box, on\_box, has\_not)).

move(grasp\_banana, state(at\_box, on\_box, has\_not), state(at\_box, on\_box, has)).

move(climb\_down, state(at\_box, on\_box, has), state(at\_door, on\_floor, has)).

solve\_problem(state(\_, \_, has), []).

solve\_problem(State, [Move|Moves]) :-

move(Move, State, NextState),

solve\_problem(NextState, Moves).

OUTPUT

