Artificial Intelligence (CPS 170) : Homework 3

Due March 2, 2006

Problem 1: Do problem 9.3

Problem 2: Do problem 9.9.

Problem 3: Do problem 9.18.

Problem 4: Do problem 11.4, parts a and b.

Problem 5: For problem 11.4, show how backward chaining can find a plan given your strips rules from the previous question.

Problem 6: Write out a plan graph for the monkeys and bananans problem, ignoring mutual exclusions.

Problem 7: Repeat problem 6 adding mutual exclusions. This is a bit tedious, so we'll only ask that you show two steps.