Comp 408 Artificial Intelligence   Fall 2015

Consider the following 8-puzzel states

Given a puzzle state like the one on the left, where the numbers are in the wrong places, we want to search for a series of moves which ends in the solution above, on the right.

Consider the **Manhattan** heuristic function, h, discussed in class.

i.   Explain why this h is admissible.
ii. What is the value of h for the above board state?
iii. Solve the problem using A*.