Comp 408 Artificial Intelligence   Fall 2014

Hw3- Due Dec. 7

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*.