8-Puzzle Game, Part V: Full system

Input: a state
Output: the best solution (the shortest sequence of actions) to the goal state 012345678

範例一 Example 1:	
Input	Output
312457680	No solution!!
範例二 Example 2:	
Input	Output
012345678	It is the goal state.
範例三 Example 3:	
Input	Output
351042678	move 0 to right move 0 to up move 0 to right move 0 to down move 0 to left move 0 to left move 0 to up