# Read Me

IS_Poject_1.py consists of solving 8 puzzle using A* search Algorithm.

Input for the project is to be given as follows:

1. The project is gonna ask the user to enter the initial state. It looks like,

   - *Please type in the state in the form of numbers separated by spaces:*
     *1 2 3 7 4 5 6 8 0*

The user should just type the input like an array with spaces and the space tile as 0.

2. Repeat the same thing for the next step i.e. goal state.

   - *Please type in the state in the form of numbers separated by spaces:*
     *1 2 3 8 6 4 7 5 0*

3. The third input is the type of the heuristic function.

   - *Please type 'h1' for Heuristic I or 'h2' for Heuristic II*