Assignment 1 Group 7 README FILE

For Part 1 N Queens
STEPS

1) Run the N-Queens.py file in python3.
2) The program asks you to enter a number, Enter 1 for A-star and 2 for hill climbing.
3) Then the program asks for no of queens, enter a number and the program will display the solved state if it is solved and the time elapsed.

For Part 2:

Urban Planning:

Instructions:

Open the file named ___(for example 'Hill_climbing.py') in editor and in the "main" function at the end of the program, enter the file name which contains the number of industrial, residential and commericial sites and the initial terrain in the respective order and run the program. The input file and the code

file should be in same folder. After 10-15 seconds the program will terminate give the result obtained at that time in an output file named ____.

The output file contains the final score achieved, the first time that score was achieved and the final map of the terrain with industrial, commercial and residential sites.

To run Hill climbing or Genetic Algorithm part, follow the below steps:

Steps:

1) Enter the input file name in the main function. (Replace 'sample 3.txt' as whatever the file you want to input)

2) Hit run

3) Wait for 10-15 seconds

4) The output gets stored in a file named "final.txt