

CS 461 – ARTIFICIAL INTELLIGENCE

HOMEWORK # 3

Group Name : Puzzle_Busters

Group Members :

Muhammad Ramish Saeed

Mohamed Aymen Abidi

Kamel Ben Kmala

Yassine Gazzah

Dorra El Mekki

NOTE:

1. We have displayed the solutions for each 10 of the instances of the random puzzle that we created and we are attaching a zip folder where all the 10 folders for each solution will be present. In each folder there will be $N+1$ number of images where N is the number of moves it took for the puzzle to solve and the generated puzzle image is also displayed.
2. In our solution, the moves (LEFT, RIGHT, UP, DOWN) indicate the movement of the '0' tile.
3. After completing everything, we later found out that we also have to display the results of BBS on the graphical solution and therefore we missed out on that but in each puzzle folder we have included a text file named "BBS" which contains the number of moves that the BBS needed to solve the puzzle. We hope that you can accept this as we narrowly missed out on this instruction.