

1. CZ3005 Lab 1 Group SSP6, Team member: Nguyen Vinh Quang
2. Explanation
  - 2.1. Task 1: For this task, I used uniform cost search algorithm to find the shortest path, the output for this task is in task1output.txt file in the code zip file
  - 2.2. Task 2: For this task, I did the similar thing for task 1, except that If the cost to a node exceeds 287932, I will not add it to the queue. The output for this task is in task2output.txt file in the code zip file
  - 2.3. Task 3: For this task, I did the similar thing for task 2, except that instead of using the distance from node 1 to a node to sort the queue, I used the total distance (the distance from node 1 to a node + the straight line distance from that node to node 50). The output for this task is in task3output.txt file in the code zip file
3. Contribution: I did this project alone
4. Conclusion: I learned the way to read and write data from files, UCS and A star algorithm and recalled how to code in python.
5. References: nothing