CSCI 39575 Project 1: Program: Question Set

Answer the following questions either as a group or individually, if you answer individually, each group member should supply an answer. Signify who the member is by either noting it or using a different text color for the answer.

1. (2 points) Project idea:
   1. What is the goal/problem you’re trying to solve with your program?
   2. Why did you choose it?
   3. What can the project be applied to (GPS, theory, social networking etc.)?
   4. What are the possible difficulties or limitations of this goal/solution to the problem?
2. (4 points) Your attempt:
   1. What are the steps you chose (or tried) to solve your problem?
   2. Was the algorithm you chose optimal? What is the efficiency of your program?
   3. What techniques (example: dynamic/linear programming, traversal trees etc.) and data structures (adjacency matrix/list or other structures) did you use?
   4. Why did you choose those particular techniques/data structures?
   5. What extra resources would help make this project more fun/doable (note: this is meant to be challenging but not overtly difficult)?
3. (2 points) Difficulties:
   1. What difficulties did you have when trying to solve this project?
   2. Were you successful? If you weren’t, what went wrong?
   3. Would a change of reference make the problem easier? What would that change of reference be?
   4. What was simple or intuitive in this project?
4. (2 points) Wrapping it up:
   1. On what data set would you really like to try your program on? If this is unapplicable, where would you like to use/try your project in real life?
   2. What if anything, did the project teach you? Do you have any suggestions to improve this project and what issues did you face? Did you enjoy this project?
   3. This project was given with minimal instructions on purpose. Do you like this form of limited rules or should the project be more rigid?
   4. If you had unlimited time and resources, what project would you choose and how would you implement it?