

1. a.) <https://github.com/JorgeGuiller/CMSC21/blob/main/Lecture%206-7/Assignment/AS1.c>
b.) <https://github.com/JorgeGuiller/CMSC21/blob/main/Lecture%206-7/Assignment/AS2.c>
- 2.) <https://github.com/JorgeGuiller/CMSC21/blob/main/Lecture%206-7/Assignment/AS3.c>

The most difficult part of the code is the logic in which route the points will go since some of them can move backwards. However, this problem was eliminated when prioritizing the part of the code where the points are near to the charging stations. Thus, it makes it so a for loop can be utilized to just move the routes forward one by one then transfer to a point that is accessible since all the other points that can move backwards are points that are near the charging station.