OTD Internship Task

Your task is to make a flask application, to find and display all possible zero and 1-hop routes using the static data, between a start and an end point entered by the user.

The start and end points should be valid bus stops as listed in 'stops.txt'. A zero hop route means a direct route between the points whereas a 1-hop route would include one interchange to be done. Report if no such routes are possible for the given two points.

Also, mention any anomalies you found in the data while solving the problem in a separate document.

Input: Start and end points entered by the user.

Output: All possible zero and 1-hop routes between the two points or None (if no route

exists)

You can download static data from <u>here</u>. Please go through the <u>GTFS guidelines</u> and familiarize yourself with the specification.

Programming language: Python

Framework: Flask

Due: 24 hours

To be submitted: Code for the application, Anomaly report (if any)

All the best!