# 24/01/2022

**Points discussed**

* If it is allowed for third party libraries to be used, since parts of the project took a long time to solve.
* Parsing the GeoJson raw data, which was completed. The raw data obtained were parsed into a concise and neat JSON file which is ready to be read from.

**Items completed**

* The map was added to the webpage using JavaScript and HTML using Mapbox.
* The data were uploaded to Mapbox to test their compatibility with the map.

**To be done**

* User inputs the latitude and longitude of the desired starting point
* Find the LineString in GeoJSON that starts closest to the given coordinates.
* Find the nearest point in the GeoJSON data set (possibly using the geopandas or geopy libraries to calculate the distance).
* Then having the coordinates of the stops, a line passing through them can be drawn to indicate the direction of the journey.