Lab 2 Deliverables Part 1:

1. **Title and maintainer of plugin:** Route360° now called Targomo
2. **What are the main functionalities of the plugin?**

* Generate polygons which represent the area which is reachable from a given source point
* Supported for **walk**, **car**, **bike** and **transit** routing
* A number of predefined map controls (travel time slider, date and time chooser, travel type chooser, etc.)
* Detailed routing information from source to target (travel time, transit trips, etc.)
* Get routing information for hundreds of POIs in a single request in milliseconds
* Support for elevation data

1. **When was the last commit pushed to the GitHub repo where the plugin can be downloaded?** [5d0861e](https://github.com/route360/r360-js/commit/5d0861ea1403587f80b56b265f4a03f85ab5dcb0) on Jun 4, 2018
2. **Do the developers provide a working demo of the plugin?** Yes, [here](http://apps.route360.net/demo).
3. **Based on the above information, how would you rank this in relation to the other two plugins you chose in terms of overall quality and usability? Justify your ranking.** I would rank this first, because of usability and design aesthetic, which is huge when trying to upsell a product to consumers or business. However, initially I wasn’t able to find the affordance to make the proximity show on the map itself for local places.
4. **Title and maintainer of plugin:** Leaflet Routing Machine
5. **What are the main functionalities of the plugin?**

* Standard Leaflet control, with Leaflet look and feel
* Routing from start to destination, with possibility of via points
* Add, edit and remove waypoints through both address input and using the map
* Multiple language support
* Highly customizable for advanced use
* Customizable look (theming / skins)
* Open Source released under ISC License (more or less equivalent with the MIT license)

1. **When was the last commit pushed to the GitHub repo where the plugin can be downloaded?** [50cc87d](https://github.com/perliedman/leaflet-routing-machine/commit/50cc87d9280871fbe4642fcad912bc1c7c1b8d38) 9 days ago
2. **Do the developers provide a working demo of the plugin?** Yes, [here](http://www.liedman.net/leaflet-routing-machine/). They also provide additional documentation and tutorials.
3. **Based on the above information, how would you rank this in relation to the other two plugins you chose in terms of overall quality and usability? Justify your ranking.** I would rank this second based on aesthetic, functionality, and support. It also says that it supports Mapbox Directions API.
4. **Title and maintainer of plugin:** TripGo Routing Leaflet Plugin
5. **What are the main functionalities of the plugin?**

* Map interaction to select start and destination of the trip.
* Routing from start to destination using any public, private or commercial mode of transport.
* Description for each trip, where you can see arrival time, trip duration, cost, pollution, modes of transports, etc.
* Customizable map tiles (Google and OSM).
* Customizable results UI (floating over the map or docked next to it)
* Open Source released under ISC License (more or less equivalent with the MIT license).
* Available transport modes:
  + Public transport, Walk, Bike, Bike share, Car, SwiftFleet, BlaBlaCar, Uber, My Driver, Taxi

1. **When was the last commit pushed to the GitHub repo where the plugin can be downloaded?** [49255e9](https://github.com/skedgo/tripkit-leaflet/commit/49255e9b38ea414e7051b59676e176154245c4c9) on Mar 16, 2019
2. **Do the developers provide a working demo of the plugin?** Yes, [here](https://skedgo.github.io/tripkit-leaflet/).
3. **Based on the above information, how would you rank this in relation to the other two plugins you chose in terms of overall quality and usability? Justify your ranking.** I would rank this third based on aesthetic from the images, but the demo seemed very limited and had technical issues with connecting to the API. This tells me there’s likely a limit to the support provided.

Lab 2 Deliverables Part 2

1. Include a link to the URL of the map you built in Part 2:

* <https://github.com/vanmeciv/Labs/tree/master/lab-2>

1. Explain how you modified your map to improve the discoverability of the waypoint: creating affordance*.*
   * Added lines to the [Leaflet Control Window plugin](https://github.com/mapshakers/leaflet-control-window) that describes the center on user location and the waypoint buttons

Lab 3 Deliverables Part 3:

**How you would modify the CSS to make Leaflet Routing Machine mobile-friendly?**

Five specific suggestions:

* 1. Download the *‘leaflet-routing-machine.css’* stylesheet provided on the github site
  2. Host the file locally
  3. Reference this style sheet within the webpage where the map is being hosted.
  4. Implement a menu button for the waypoint controls that covers the entire screen
  5. Implement media queries specific to typical mobile device screen sizes (these would include percentage points and ems for sizing, instead of pixels)