1. **What is the total length of bus line 24 and how did you arrive at the answer?**
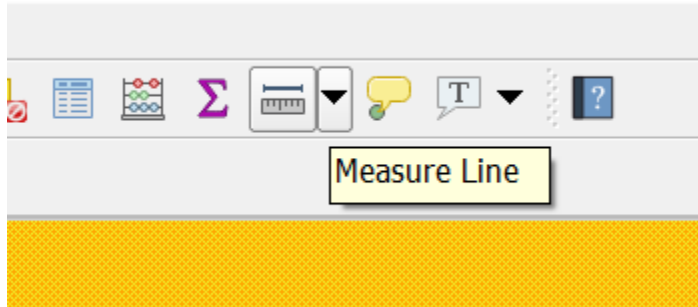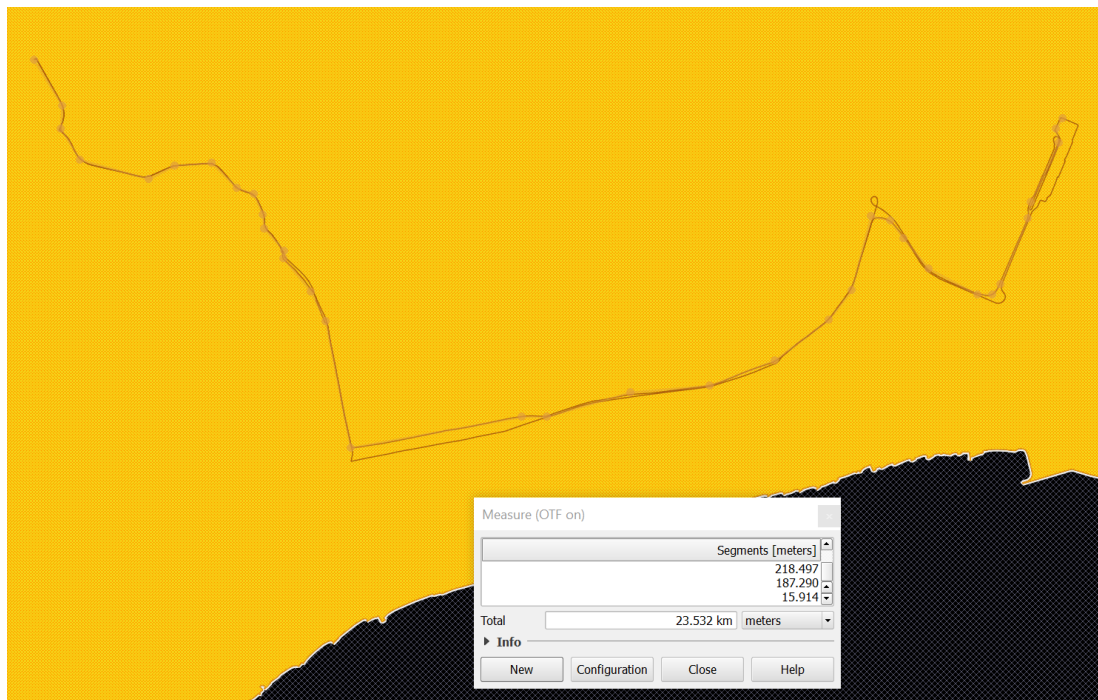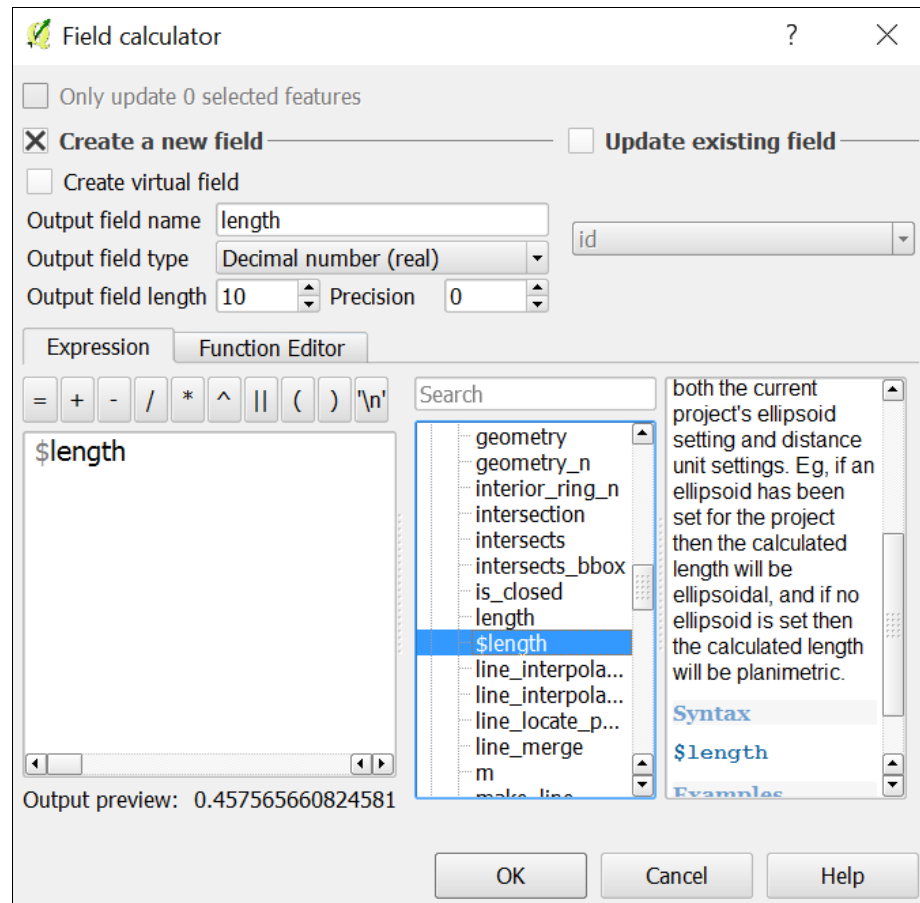
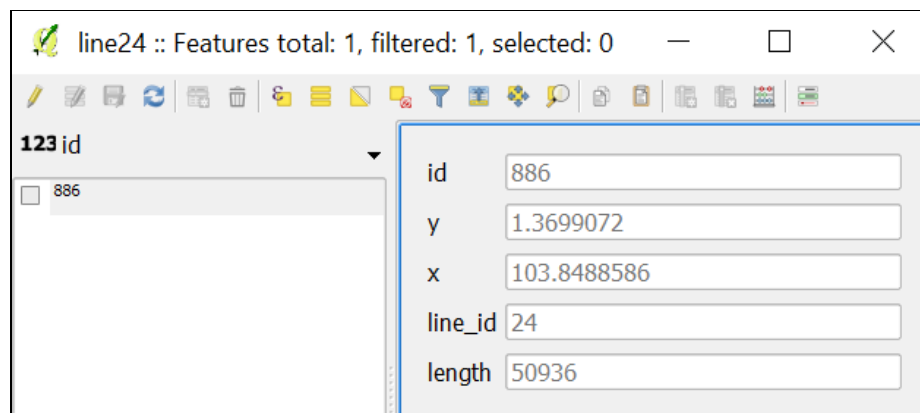My first attempt at measuring the bus line length is to use the measuring tool:

By clicking on points on the bus line, I get a rough estimation of the single trip bus line (23532m), and multiply the value by 2 to get the total bus line length (47064m).

However, I do not find this way of measuring line length accurate. In my second attempt, I made use of the field calculator, by adding the $length field to the bus line component as shown below:

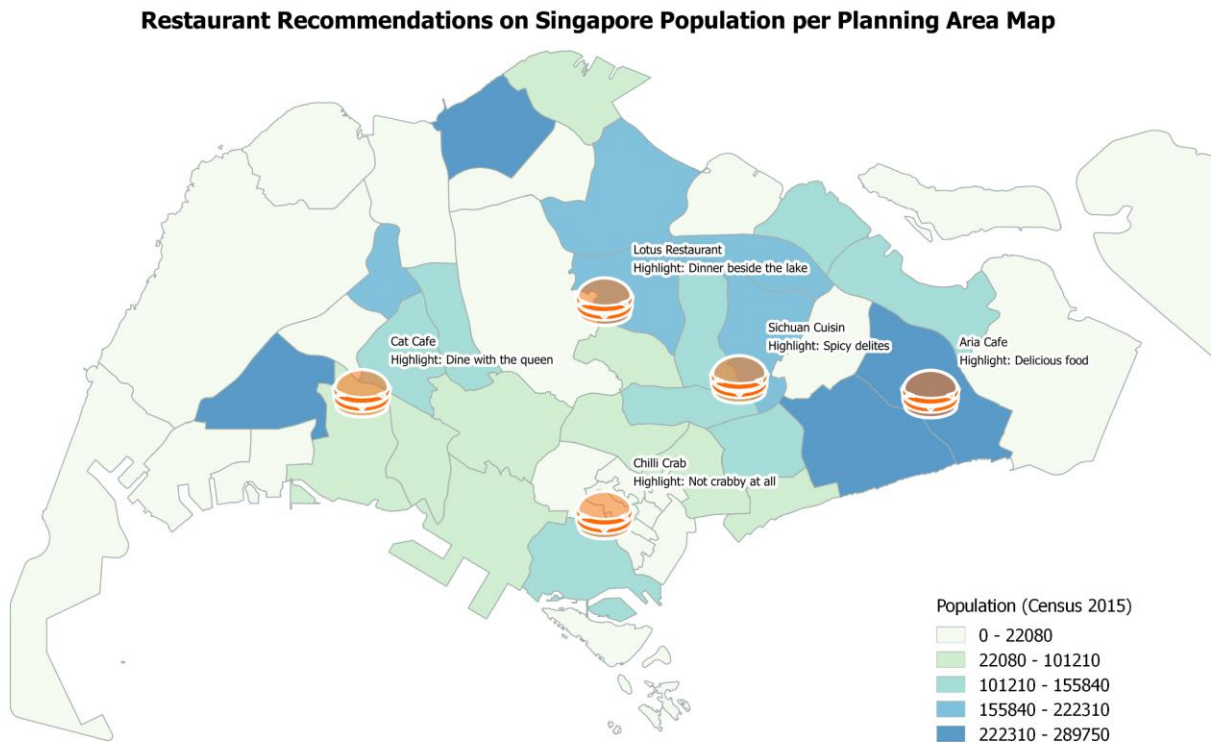This way, I easily get the total length by checking the field value, which is 50936m.

2. **Instead of visualizing absolute population values on the thematic choropleth map, what would be a more appropriate way to symbolize such data?**

    A more appropriate way to symbolize the data is to calculate the population to area ratio (population density), and plot this ratio, instead of the absolute value, to the map.

3. **Embed your maps of your favorite restaurants and the population per planning area.**

    The map is as shown below:

4. **Attach the zipped Shapefile of your restaurants.**

    It is attached to my edimension submission.