Week 4 submission:

A description of the problem and a discussion of the background. (15 marks)

A Syrian investor who would like to open a *Syrian Restaurant* in Alexandria, Egypt has approached me to help him identifying the best neighborhood location in terms of *competition*.

The target audience would be investors interested in the Syrian Food Cuisine and would like to find the lest location to open a restaurant.

A description of the data and how it will be used to solve the problem. (15 marks)

A description of the data:

- List of Alexandria's neighborhoods (Wikipedia)
- Coordinates of the neighborhoods (Wikipedia)
- A list of all Syrian Restaurants in the neighborhoods (Foursquare)
- Coordinates of the restaurants (Foursquare)

How it will be used to solve the problem:

- Will use the coordinate data of the neighborhoods and plot it on the map of Alexandria
- Will use the coordinate data of the venues and plot it on the map of Alexandria
- Identify the Syrian restaurants and plot it on the map of Alexandria
- Finding the best location who has the fewest number of Syrian restaurants