

Challenge 5

The web site <http://nominatim.openstreetmap.org/> offers a search service <http://nominatim.openstreetmap.org/search/> that when given a street name will return occurrences of such street name, each one with characterizing information such as longitude and latitude. In this challenge, you should write an expression that returns a collection of location using for example a pair whose key is the description of the location and the value its latitude and longitude.

For example we did a query with Rue de Paris and we selected two results and they are as follows:

```
{
  'La Rue de Paris, Lainsecq, Auxerre, Yonne, Bourgogne-Franche-Comte,
    France metropolitaine, 89520, France' -> (47.5612874@3.2933713) .
  'Rue de Paris, Boulogne-Billancourt, Hauts-de-Seine, Ile-de-France,
    France metropolitaine, 92100, France' -> (48.8416645@2.236876) .
}
```

Hints:

- We suggest to ask the server to return JSON.
- To specify the format, put 'jsonv2' to 'format' in the query.
- You can also define a limit to the number of results using the parameter 'limit' and put it to '10'.
- To parse JSON, have a look at the STON class
- Use the message -> to build a pair.