**Homework6**

You are required to find all the cities whose average precipitation in a certain date range (start from 2012.01.01 to 2014.02.01) is greater than 25.

**NOTE:** Please pay attention to the data records -9999, we don’t need to find these kinds of data. The outcome should be stored in the variable *avg\_prep*.

**Here is the answer:**

**pipeline=[**

**{ ‘$match’:{‘$and’:[{“DATE”:{‘$gt’:20120101}},{“DATE”:{‘$lt’:20120201}},{“PRCP”:{‘$ne’:-9999}}]}},**

**{ ‘$group’:{‘\_id’:’$STATION\_NAME’, “avg\_prep”:{‘$avg’:’$PRCP’}}},**

**{ ‘$match’: { “avg\_prep”: { ‘$gt’: 250 } } },**

**]**

**cursor = temperature.aggregate(pipeline,cursor{})**

**print cursor**

**for item in cursor:**

**print item**