**Homework2**

We would do insert operation in this part. Here is an insert operation in SQL:

**insert into instructor**

**values(10211, ’Smith’, ‘Biology’);**

In this statement, 10211 is the ID number. Smith represents the name and Biology is the department that this instructor belongs to. After this operation, a new record would be added into the table instructor.

This statement can also be realized in MongoDB. This is the way:

**users.insert( {**

**ID: "10211",**

**name: "Smith",**

**dept\_name: "Biology"**

**} )**

In our application, we need to get the average temperature of a whole year in every city. The learners need to finish the task.

**NOTE:** the empty collection *city\_ave\_year\_temp* is used to store the records that are inserted. The attributions that should be included are cities’ names, years and the average temperature.

**Here is the answer:**

**city\_ave\_year\_temp.insert({"CityName":item,"Year":i,"AveTemp":ave\_year\_t})**