CS 340 Client/Server Development

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Module Two Assignment

1. Access the dataset for this assignment*,***city\_inspections.json**, in the **/usr/local/datasets** directory in your Apporto environment.Using the **mongoimport** tool and documents found in the **city\_inspections.json** file, load the database “city” into the “inspections” collection. Complete this task by typing the following commands in the **Linux terminal** to perform the import in the right directory:

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1. **Verify your load** by “using” the “city” database, and issuing the following queries in the *mongo shell*:

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1. Using the appropriate commands in the mongo shell, **insert a document** to the database named “city” within the collection named “inspections.” Use the following key-value pairs as data for your document.

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1. Answer the following questions using **MongoDB queries**.
2. What is the distinct list of inspection “sector” in the current inspections collection? How many are in the list? Do not count by hand.

Going out on a limb here, I think it might be 8,609,792… probably not. That is just what I came up with using totalSize().

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1. What is the difference in the date data type for the business named “AUSTIN 2012” versus your business document insertion of “Acme Explosives”?

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1. How many businesses have a “Violation Issued”? (See **Value** column above.)

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1. Using the appropriate command in the mongo shell, **update the document** with the ID “20032-2020-ACME” in the collection “inspections” in the database “city” with the information below.

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1. Using the database “city” with documents found in the “inspections” collection, perform the tasks listed below. Verify by providing **screenshots** of the results as evidence.
   1. **Update all the documents** that contain the key-value pair "city":"ROSEDALE" in the address subdocument by changing the zip code in the address subdocument to "76114".

*I am having trouble solving this problem.*

* 1. **Remove the first document** with the key-value pair "result":"Violation Issued."

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