CS 340

Assignment 2-1

Chris Thorpe

Change into the Apporto directory with the data sets:

cd /usr/local/datasets/

Use the mongo import utility to load the data set:

mongoimport –-username=”${MONGO\_USER}” \

–-password=”${MONGO\_PASS}” –-port=${MONGO\_PORT} \

--host=${MONGO\_HOST} –-db city –-collection inspections \

--authenticationDatabase admin –-drop ./city\_inspections.json

A screen shot of a computer program

Description automatically generated

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

db.inspections.find({"id" : "10021-2015-ENFO"})

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Description automatically generated with medium confidence

db.inspections.find({"result":"Out of Business"},{"business\_name":1}).limit(10)

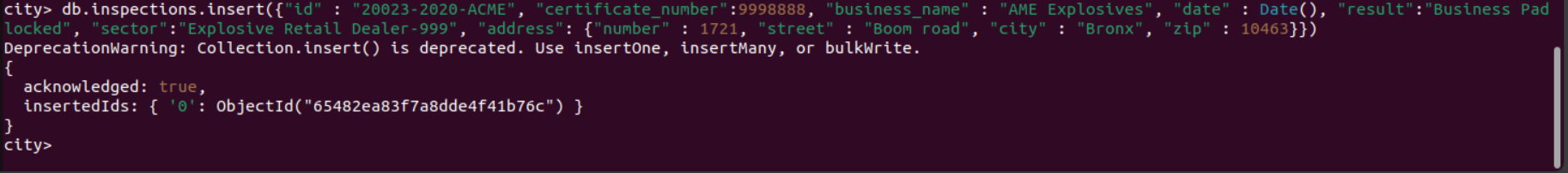
A screenshot of a computer

Description automatically generated

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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.

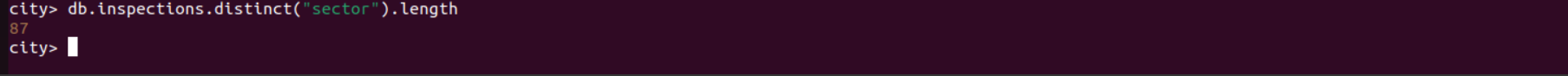


Be sure to insert the address as a subdocument and use the JavaScript function **Date()** for “Today’s date.” Verify your database creation and insertion using the **findOne()** function in the mongo shell. Provide a **screenshot** as evidence.

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Description automatically generated

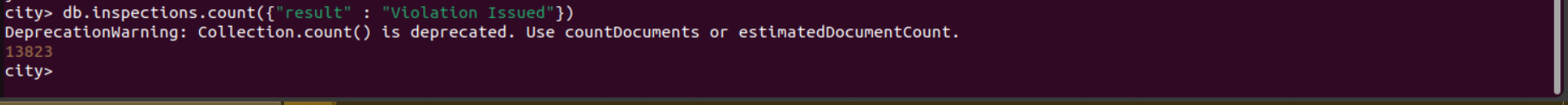
What is the distinct list of inspection “sector” in the current inspections collection? How many are in the list? Do not count by hand.



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Description automatically generated

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



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.

A computer screen shot

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**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".A computer screen with text

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A computer screen shot

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

