**Create a database named: "starter" :**

use starter

**Create a products collection :**

db.createCollection("products")

**Import the attached file into your mongo database, the attached csv file:**

mongoimport -d starter -c products --type csv --file products1.csv –headerline

**How many documents are included in the "products" collection :**

db.products.find().count()

**Change the MongoDB batch size to display just 10 items :**

DBQuery.shellBatchSize = 10

**Execute the following two commands one after the other**

db.products.find ({supplierID: {$ eq: 19}}). pretty ();

db.products.find ({SupplierID: {$ eq: 19}}). pretty ();

What do you notice ?

=> We want to call a document SupplierID from products collection The first command line doesn't work because we messing write the fist litter of "Supplier" with uppercase

For queries, a regular expression is a case **sensitive**

**Select documents that have a SupplierID equal to 19 and UnitPrice less than 10 :**

db.products.find({SupplierID:{$eq: 19}, UnitPrice:{$lt: 10}}).pretty();

**Show all cursor items: db.products.find () using forEach function :**

db.products.find().forEach(printjson)

**Using the shell, create an index of type "text" for "ProductName":**

db.reviews.createIndex( { productName: "text" } )

**Display documents for products with a "CategoryID" equal to one, in ascending order of ProductName.**

db.products.find({CategoryID:{$eq: 1}}).pretty();

**Limit the number of documents to be displayed to 2 :**

db.products.find (). sort ({ProductID: -1}). limit (2) .pretty ();

**db.products.find (). sort ({ProductID: -1}). limit (1) .pretty ();**

**What does the above command display.**

Above query will select only first document in the products collection without field ProductID

**db.products.find ({DateFirstShip: {$ exists: true}});**

**What does refer?**

Above query will select all documents in the products collection where the "DateFirstShip" field exists.