Prolog

Author: Sophie Nguyen

Email: nnguyen177@student.gsu.edu

Section: CodeDay Labs 311 (CL311) - Andrey Butenko

NoSQL – MongoDB

```
File  Edit  Selection  View  Go  Run  Terminal  Help            playground-1.mongodb.js - NoSQL - MongoDB - Visual Studio Code

EXPLORER                          JS playground-1.mongodb.js  ×                                    {} Playground Result.txt  ×
∨ OPEN EDITORS                     JS playground-1.mongodb.js > ⚲ 'date'                            {} Playground Result.txt > {} 1 > ▦ _id
  GROUP 1                             Currently connected to inventory-management-sy.myufeyy.mongodb.net. Click here to change connection.
    × JS playground-1.mongodb.js    1   // Select the database to use.                              1   [
  GROUP 2                           2   use('mongodbVSCodePlaygroundDB');                           2     {
    {} Playground Result.txt        3                                                               3       "_id": "jkl",
∨ NOSQL - MONGODB                   4   // Insert a few documents into the sales collection.       4       "totalSaleAmount": 560
  {} Playground Result.txt          5   db.getCollection('sales').insertMany([                      5     },
  JS playground-1.mongodb.js        6     { 'item': 'abc', 'price': 10, 'quantity': 2, 'date': new Date('2014-03-01T08:    6     {
                                    7     { 'item': 'jkl', 'price': 20, 'quantity': 1, 'date': new Date('2014-03-01T09:    7       "_id": "xyz",
                                    8     { 'item': 'xyz', 'price': 5, 'quantity': 10, 'date': new Date('2014-03-15T09:   8       "totalSaleAmount": 4200
                                    9     { 'item': 'xyz', 'price': 5, 'quantity': 20, 'date': new Date('2014-04-04T11:   9     },
                                   10     { 'item': 'abc', 'price': 10, 'quantity': 10, 'date': new Date('2014-04-04T21   10     {
                                   11     { 'item': 'def', 'price': 7.5, 'quantity': 5, 'date': new Date('2015-06-04T05   11       "_id": "abc",
                                   12     { 'item': 'def', 'price': 7.5, 'quantity': 10, 'date': new Date('2015-09-10T0   12       "totalSaleAmount": 3360
                                   13     { 'item': 'abc', 'price': 10, 'quantity': 5, 'date': new Date('2016-02-06T20:   13     }
                                   14   ]);                                                          14   ]
                                   15
                                   16   // Print a message to the output window.
                                   17   console.log('This is the name of database: ' + db.getName());
                                   18
                                   19   // Run a find command to view items sold on April 4th, 2014.
                                   20   const salesOnApril4th = db.getCollection('sales').find({
                                   21     date: { $gte: new Date('2014-04-04'), $lt: new Date('2014-04-05') }
                                   22   }).count();
                                   23
                                   24   // Print a message to the output window.
                                   25   console.log(`${salesOnApril4th} sales occurred in 2014.`);
                                   26

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   EXPOSED PORTS                                        Playground output
This is the name of database: mongodbVSCodePlaygroundDB
56 sales occurred in 2014.

Ln 10, Col 63   Spaces: 2   UTF-8   CRLF   {} JavaScript   Go Live
```