Below is an array of objects:

const products = [

{ model: "515", brand: "New Balance", color: "Green" },

{ model: "515", brand: "New Balance", color: "Yellow" },

{ model: "515", brand: "New Balance", color: "Blue" },

{ model: "515", brand: "New Balance", color: "Red" },

{ model: "574", brand: "New Balance", color: "Blue" },

{ model: "574", brand: "New Balance", color: "Red" },

{ model: "574", brand: "New Balance", color: "Pink" },

{ model: "574", brand: "New Balance", color: "Navy" },

{ model: "574", brand: "New Balance", color: "White" },

]

Let's start by connecting to the mongo interactive shell:

mongo

Next, let's create a new database:

use productsDatabase

Cool, now let's populate our products database with products. Let's start by creating a products collection, then using insertMany to insert multiple documents:

db.products.insertMany([

{ model: "515", brand: "New Balance", color: "Green" },

{ model: "515", brand: "New Balance", color: "Yellow" },

{ model: "515", brand: "New Balance", color: "Blue" },

{ model: "515", brand: "New Balance", color: "Red" },

{ model: "574", brand: "New Balance", color: "Blue" },

{ model: "574", brand: "New Balance", color: "Red" },

{ model: "574", brand: "New Balance", color: "Pink" },

{ model: "574", brand: "New Balance", color: "Navy" },

{ model: "574", brand: "New Balance", color: "White" },

])

Let's confirm that this insert many operation worked:

db.products.find({})

We should see all our products in our database.

Use the MongoDB lesson to solve for the following:

1. Find all New Balance 574 shoes.

<--- solution goes here !--->

1. Find all New Balance shoes that are either red or blue.

<--- solution goes here !--->

1. Insert 4 more New Balance shoes:

<--- solution goes here !--->

1. Update all navy New Balance shoes to Blue:

<--- solution goes here !--->

1. Delete all 515 New Balance shoes.

<--- solution goes here !--->

# **Bonus**

Create a better representation of a "product".

Maybe a product should have size, and size should be an array of sizes or perhaps a product should have a quantity.

For example:

{ model: "574", brand: "New Balance", color: "Red", sizes: [7,8,9,10,11], qty: 36 },

Once you have a better representation of a product, apply the changes to every product in the database.

Write your queries below:

<--- solution goes here !--->