**TASK DAY -38**

**Following code shows the queries for the questions given for the products.json in https://github.com/rvsp/database/blob/master/mongodb/product.json**

1. Find all the information about each products

Solution:

db.products.find({}, {\_id:0}).pretty()

2. Find the product price which are between 400 to 800

Solution:

db.products.find({ product\_price : { $gt : 400  , $lt : 800}}).pretty()

3. Find the product price which are not between 400 to 600

Solution:

db.products.find({ product\_price : { $not: { $gt : 400  , $lt : 600}}} , {\_id:0}).pretty()

4. List the four product which are grater than 500 in price

Solution:

db.products.find({ product\_price : { $gt : 500 }}).limit(4).pretty()

5.  Find the product name and product material of each products

Solution:

db.products.find({}, {\_id :0 , product\_name:1, product\_material:1}).pretty()

6.Find the product with a row id of 10

Solution:

db.products.find( {id: "10"}, {\_id:0}).pretty()

7.Find only the product name and product material

Solution:

db.products.find({}, {\_id :0 , product\_name:1, product\_material:1}).pretty()

8.Find all products which contain the value of soft in product material

Solution:

db.products.find({product\_material:"Soft"} ).pretty()

9.Find products which contain product color indigo  and product price 492.00

Solution:

db.products.find({product\_color:"indigo", product\_price:492.00 } ).pretty()

10. Delete the products which product price value are same

Solution:

db.products.aggregate([

  { $group: { \_id: "$product\_price", No\_of\_Times\_repeated: { $count: {}} } },

  { $match: { "No\_of\_Times\_repeated": { $gte: 2 } } },

  {$project: {\_id: "$\_id" }}

]).forEach((doc)=>db.products.deleteMany({ product\_price: doc.\_id}))