Questions:

Database name: Practice\_DBLatest

Collection name: PDB1

Find all the information about each product

**db.PDB1.find({})**

Find the product prices which are between 400 and 800

**db.PDB1.find({**

**product\_price: {**

**$gte: 400,**

**$lte: 800**

**}**

**})**

Find the product prices which are not between 400 and 600

**db.PDB1.find({**

**product\_price: {**

**$not: {**

**$gte: 400,**

**$lte: 600**

**}**

**}**

**})**

List the four products which are greater than 500 in price

**db.PDB1.find({**

**product\_price: {**

**$gt: 500**

**}**

**}).limit(4)**

Find the product name and product material of each products

**db.PDB1.find({}, { product\_name: 1, product\_material: 1, \_id: 0 })**

Find the product with a row id of 10

**db.PDB1.find({**

**id: "10"**

**})**

Find only the product name and product material

**db.PDB1.find({}, { product\_name: 1, product\_material: 1, \_id: 0 })**

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

**db.PDB1.find({**

**product\_material: /soft/i**

**})**

Find products which contain product colour indigo and product price 492.00

**db.PDB1.find({**

**product\_color: "indigo",**

**product\_price: 492.00**

**})**

Delete the products which product price values are same

**db.PDB1.aggregate([**

**{ $group: { \_id: "$product\_price", count: { $sum: 1 }, ids: { $push: "$\_id" } } },**

**{ $match: { count: { $gt: 1 } } }**

**]).forEach(function(doc) {**

**doc.ids.shift(); // Keep the first occurrence, remove the rest**

**db.PDB1.deleteMany({ \_id: { $in: doc.ids } });**

**});**