1. Find all the information about each products

Ans: db.products.find({})

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

Ans: db.products.find({product\_price:{&gte: 400, $lte:800}})

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

db.products.find({ $or: [ { product\_price: { $lt: 400 } }, { product\_price: { $gt: 600 } } ] })

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

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

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

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

6. Find the product with a row id of 10

Ans: db.products.find({ id: 10 })

7. Find only the product name and product material

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

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

Ans: db.products.find({ product\_material: &quot;Soft&quot; })

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

Ans: db.products.find({ product\_color: &quot;indigo&quot;, product\_price: 492.00 })

10. Delete the products which product price value are 28

Ans: db.products.deleteOne({ product\_price: 28 })