

//1.Find all the information about each products
db.collection.find()

//2.Find the product price which are between 400 to 800
db.collection.find({
 "\$and": [
 {
 product_price: {
 "\$gt": 400
 }
 },
 {
 product_price: {
 "\$lt": 800
 }
 }
]
})

//3. Find the product price which are not between 400 to 600
db.collection.find({
 "\$or": [
 {
 product_price: {
 "\$lte": 400
 }
 },
 {
 product_price: {
 "\$gte": 600
 }
 }
]
})

//4. List the four product which are greater than 500 in price
db.collection.find({
 product_price: {
 "\$gt": 500
 }
}).limit(4)

//5. Find the product name and product material of each products
db.collection.find({},

```
{
  _id: 0,
  product_name: 1,
  product_material: 1
})
```

//6. Find the product with a row id of 10

```
db.collection.find({
  id: {
    "$eq": "10"
  }
})
```

//7. Find only the product name and product material

```
db.collection.find({},
{
  _id: 0,
  product_name: 1,
  product_material: 1
})
```

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

```
db.collection.find({
  product_material: {
    "$eq": "Soft"
  }
})
```

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

```
db.collection.find({
  "$and": [
    {
      product_color: {
        "$eq": "indigo"
      }
    },
    {
      product_price: {
        "$eq": 492.00
      }
    }
  ]
})
```

//10. Delete the products which product price value are same

```
let prices = db.collection.aggregate([
  {
    "$group": {
      "_id": "$product_price",
      "count": {
        "$sum": 1
      }
    }
  },
  {
    "$match": {
      "_id": {
        "$ne": null
      },
      "count": {
        "$gt": 1
      }
    }
  },
  {
    "$project": {
      "product_price": "$_id",
      "_id": 0
    }
  }
])

prices.forEach(price => {
  db.collection.remove( { product_price: { "$eq": price } } )
});
```