Day-35-Task

1. Find all the information about each products?

Query: **db.task.find();**

Answer: {

\_id: ObjectId('65e4779367e50f45aad17ebc'),

id: '1',

product\_name: 'Intelligent Fresh Chips',

product\_price: 655,

product\_material: 'Concrete',

product\_color: 'mint green'

} etc.. upto final product.

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

Query: **db.task.find({product\_price : {$gt: 400, $lt:800}});**

Answer: {

\_id: ObjectId('65e4779367e50f45aad17ebc'),

id: '1',

product\_name: 'Intelligent Fresh Chips',

product\_price: 655,

product\_material: 'Concrete',

product\_color: 'mint green'

} etc…

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

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

Answer: {

\_id: ObjectId('65e4779367e50f45aad17ebc'),

id: '1',

product\_name: 'Intelligent Fresh Chips',

product\_price: 655,

product\_material: 'Concrete',

product\_color: 'mint green'

}

{

\_id: ObjectId('65e4779367e50f45aad17ec0'),

id: '5',

product\_name: 'Sleek Cotton Chair',

product\_price: 33,

product\_material: 'Fresh',

product\_color: 'black'

} etc…

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

Query: **db.task.find({product\_price: {$gt: 500}}).limit(4);**

Answer: {

\_id: ObjectId('65e4779367e50f45aad17ebc'),

id: '1',

product\_name: 'Intelligent Fresh Chips',

product\_price: 655,

product\_material: 'Concrete',

product\_color: 'mint green'

} etc…

1. Find the product name and product material of each products?

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

Answer: {

product\_name: 'Intelligent Fresh Chips',

product\_material: 'Concrete'

} etc…

1. Find the product with a row id of 10?

Query: **db.task.findOne({id: '10'});**

Answer: {

\_id: ObjectId('65e4779367e50f45aad17ec5'),

id: '10',

product\_name: 'Generic Wooden Pizza',

product\_price: 84,

product\_material: 'Frozen',

product\_color: 'indigo'

}

1. Find only the product name and product material?

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

Answer: {

product\_name: 'Intelligent Fresh Chips',

product\_material: 'Concrete'

} etc…

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

Query: **db.task.find({product\_material: /soft/i});**

Answer: {

\_id: ObjectId('65e4779367e50f45aad17ebf'),

id: '4',

product\_name: 'Gorgeous Plastic Pants',

product\_price: 492,

product\_material: 'Soft',

product\_color: 'plum'

} etc..

1. Find products which contain product color indigo and product price 492.00?

Query: **db.task.find({ $or: [ { product\_color: "indigo" }, { product\_price: 492.00 } ] });**

Answer: {

\_id: ObjectId('65e4779367e50f45aad17ebd'),

id: '2',

product\_name: 'Practical Fresh Sausages',

product\_price: 911,

product\_material: 'Cotton',

product\_color: 'indigo'

} etc…

1. Delete the products which product price value are same?

Query: **db.task.aggregate**([ { $group: { \_id: "$product\_price", count: { $sum: 1 } } }, { $match: { count: { $gt: 1 } } } ]).forEach(function(doc) { print("Deleting documents with product price: " + doc.\_id); db.products.deleteMany({ product\_price: doc.\_id }); print("Deleted documents with product price: " + doc.\_id); });

Answer:

Deleting documents with product price: 36

Deleted documents with product price: 36

Deleting documents with product price: 47

Deleted documents with product price: 47