**MongoDB Day 1**

**1.Find all the information about each products**

db.product.find().toArray()

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

db.product.find({"product\_price":{ $gte:400, $lt:800 }}).toArray();

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

db.product.find({'product\_price':{$not:{$gte:400,$lt:600}}}). toArray();

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

db.product.find({'product\_price':{$gte:500}}).limit(4). toArray();

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

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

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

db.product.find({id:"10"}). toArray();

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

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

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

db.product.find({product\_material: ‘Soft’}). toArray();

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

db.product.find({$and:[{product\_color:"indigo"},{product\_price:492.00}]}). toArray();

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

db.product.aggregate([

{$group:{\_id:"$product\_price", total:{$sum:1}}},

{ $match: { total: { $gt: 1 } }

},{$project:{\_id:1,total:0} }

]).forEach(function(val){

db.product.deleteMany({product\_price:val.\_id})})