**Mongo DB Assignment – I**

1. Find all the information about each products
2. db.product.find({}).pretty()
3. Find the product price which are between 400 to 800
4. db.product.find({product\_price:{$gt:400,$lt:800}},{product\_price:1,\_id:0}).pretty()
5. Find the product price which are not between 400 to 600
6. db.product.find({product\_price:{$not:{$lt:600,$gt:400}}},{product\_price:1,\_id:0}).pretty()
7. List the four products which are greater than 500 in price
8. db.product.find({product\_price:{$gt:500}}).pretty()
9. Find the product name and product material of each product
10. db.product.find({},{product\_name:1,product\_material:1,\_id:0}).pretty()
11. Find the product with a row id of 10
12. db.product.find({id:"10"}).pretty()
13. Find only the product name and product material
14. db.product.find({id:"10"},{product\_name:1,product\_material:1,\_id:0}).pretty()
15. Find all products which contain the value of soft in product material
16. db.product.find({product\_material:"Soft"}).pretty()
17. Find products which contain product color indigo and product price 492.00
18. db.product.find({product\_price:492.00,product\_color:"indigo"}).pretty()
19. Delete the products which product price value are same
20. db.product.aggregate([{ $group:{ \_id:"$product\_price", duplicates: {$addToSet:"$\_id"}, count:{$sum:1} }},{$match:{count:{$gt:1}} }]).forEach((doc)=>{doc.duplicates.shift(); db.product.deleteMany({\_id:{$in:doc.duplicates}})})