**MongoDB Task 1:**

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

Answer: **db.products.find({})**

2: Find the product price which are between 400 to 800:

Answer: **db.products.find({ "product\_price": { $gte: 400, $lte: 800 } })**

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

Answer: **db.products.find({ "product\_price": { $not: { $gte: 400, $lte: 600 } } })**

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

Answer: **db.products.find({ "product\_price": { $gt: 500 } }).limit(5)**

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

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

6: Find the product with a row id of 10:

Answer: **db.products.findOne({ "id": "10" })**

7: Find only the product name and product material:

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

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

Answer: **db.products.find({ "product\_material": { $regex: /soft/i } })**

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

Answer: **db.products.find({ "product\_color": "indigo", "product\_price": 492.00 })**

10: Delete the products which product price value are same:

Answer: **db.products.deleteMany({ "product\_price": { $eq: 492.00 } })**