

## MongoDB Day 1 Task

1. Find all the information about each products  
Ans: `db.data.find({})`
2. Find the product price which are between 400 to 800  
Ans: `db.data.find({product_price:{$gte:400,$lte:800}})`
3. Find the product price which are not between 400 to 600  
Ans: `db.data.find({product_price:{$not:{$gte:400,$lte:600}}})`
4. List the four product which are greater than 500 in price  
Ans: `db.data.find({product_price:{$gte:500}})`
5. Find the product name and product material of each products  
Ans: `db.data.find( {}, { product_name: 1, product_material: 1, _id:0})`
6. Find the product with a row id of 10  
Ans: `db.data.find({id:"10"})`
7. Find only the product name and product material  
Ans: `db.data.find({id:"10"}, { product_name: 1, product_material: 1, _id: 0 })`
8. Find all products which contain the value of soft in product material  
Ans: `db.data.find({ product_material: "Soft" })`
9. Find products which contain product color indigo and product price 492.00
  - a. If the products can contain either color indigo or price value of 492  
Ans: `db.data.find({$or:[ {product_color: "indigo"}, {product_price:492.00 } ]})`
  - b. If the products should contain both color indigo and price value of 492  
Ans: `db.data.find({and:[ {product_color: "indigo"}, {product_price:492 } ]})`  
**No such product available in the db.**
10. Delete the products which product price value are 28  
Ans: `db.data.deleteOne({product_price:28})`

```
> db.data.find({and:[  
    {product_color: "indigo"}, {product_price:492 } ]})  
<  
guviday1>
```

```
> db.data.deleteOne({product_price:28})  
< {  
  acknowledged: true,  
  deletedCount: 1  
}  
guviday1> |
```