1. Find all the information about each products

db.products.find().pretty()

```
}
> db.products.find().pretty()
{
         "_id" : ObjectId("65fef5afd27205534761cb20"),
         "id" : "1",
         "product_name" : "Intelligent Fresh Chips",
         "product_price" : 655,
"product_material" : "Concrete",
         "product_color" : "mint green"
         "_id" : ObjectId("65fef5afd27205534761cb21"),
         "id" : "2",
         "product_name" : "Practical Fresh Sausages",
         "product_price" : 911,
"product_material" : "Cotton",
         "product_color" : "indigo"
         "_id" : ObjectId("65fef5afd27205534761cb22"),
         "id" : "3",
         "product_name" : "Refined Steel Car",
         "product_price" : 690,
"product_material" : "Rubber",
         "product_color" : "gold"
         "_id" : ObjectId("65fef5afd27205534761cb23"),
"id" : "4",
```

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

db.products.find({product_price:{\$gte:400, \$lte:800}}).pretty()

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

db.products.find({product_price:{\$not:{\$gte:400, \$lte:800}}}).pretty()

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

db.products.find({product_price:{\$gte:400}}).limit(4).pretty()

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

db.products.find({}, { product_name: 1, product_material: 1 }).pretty()

```
Command Prompt - mongo
uncaught exception: ReferenceError: product_price is not defined :
(shell):1:19
 db.products.find({}, { product_name: 1, product_material: 1 }).pretty()
       "_id" : ObjectId("65fef5afd27205534761cb20"),
       "product_name" : "Intelligent Fresh Chips",
       "product_material" : "Concrete"
       "_id" : ObjectId("65fef5afd27205534761cb21"),
       "product_name" : "Practical Fresh Sausages",
       "product_material" : "Cotton"
       "_id" : ObjectId("65fef5afd27205534761cb22"),
       "product_name" : "Refined Steel Car",
       "product_material" : "Rubber"
       "_id" : ObjectId("65fef5afd27205534761cb23"),
       "product_name" : "Gorgeous Plastic Pants",
       "product_material" : "Soft"
       "_id" : ObjectId("65fef5afd27205534761cb24"),
       "product_name" : "Sleek Cotton Chair",
       "product_material" : "Fresh"
       "_id" : ObjectId("65fef5afd27205534761cb25"),
```

6. Find the product with a row id of 10

db.products.find({ id: "10" }).pretty()

```
Type "it" for more
> db.products.find({ id: "10" }).pretty()
{
        "_id" : ObjectId("65fef5afd27205534761cb29"),
        "id" : "10",
        "product_name" : "Generic Wooden Pizza",
        "product_price" : 84,
        "product_material" : "Frozen",
        "product_color" : "indigo"
}
```

7. Find only the product name and product material

```
db.products.find({}, { _id: 0, product_name: 1, product_material:
1 }).pretty()
```

```
db.products.find({}, { _id: 0, product_name: 1, product_material: 1 }).pretty()

{

"product_name": "Intelligent Fresh Chips",

"product_name": "Practical Fresh Sausages",

"product_material": "Concrete"

{

"product_name": "Refined Steel Car", "product_material": "Rubber" }

{

"product_name": "Gorgeous Plastic Pants", "product_material": "Soft" }

{

"product_name": "Sleek Cotton Chair", "product_material": "Fresh" }

{

"product_name": "Sleek Cotton Chair", "product_material": "Plastic" }

"product_name": "Practical Soft Shoes", "product_material": "Rubber" }

{

"product_name": "Practical Soft Shoes", "product_material": "Rubber" }

{

"product_name": "Meesone Wooden Ball", "product_material": "Soft" }

{

"product_name": "Generic Wooden Pizza", "product_material": "Soft" }

{

"product_name": "Generic Wooden Pizza", "product_material": "Soft" }

{

"product_name": "Unbranded Wooden Cheese", "product_material": "Wooden" }

{

"product_name": "Inbranded Plastic Salad", "product_material": "Wooden" }

{

"product_name": "Incredible Steel Shirt", "product_material": "Wetal" }

"product_name": "Incredible Steel Shirt", "product_material": "Rubber" }

{

"product_name": "Incredible Steel Shirt", "product_material": "Soft" }

"product_name": "Incredible Steel Shirt", "product_material": "Soft" }

*

"product_name": "Incredible Steel Shirt", "product_material": "Soft" }

"product_name": "Incredible Steel Shirt", "product_material": "Soft" }

"product_name": "Incredible Steel Shirt", "p
```

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

db.products.find({ product_material: "Soft" }).pretty()

```
> db.products.find({ product_material: "Soft" }).pretty()
{
    "_id": ObjectId("65fef5afd27205534761cb23"),
    "id": "4",
    "product_name": "Gorgeous Plastic Pants",
    "product_price": 492,
    "product_material": "Soft",
    "product_color": "plum"
}
{
    "_id": ObjectId("65fef5afd27205534761cb28"),
    "id": "9",
    "product_name": "Awesome Wooden Ball",
    "product_price": 28,
    "product_price": 28,
    "product_material": "Soft",
    "product_color": "azure"
}
{
    "_id": ObjectId("65fef5afd27205534761cb2a"),
    "id": "11",
    "product_price": 26,
    "product_name": "Unbranded Wooden Cheese",
    "product_price": 26,
    "product_material": "Soft",
    "product_material": "Soft",
    "product_color": "black"
}
{
    "_id": ObjectId("65fef5afd27205534761cb32"),
    "id": "19",
```

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

```
db.products.find({$or:[{ product_color: "indigo"},
{product_price:'492.00'}]}).pretty()
```

```
"product_color" : "indigo"
}
db.products.find({$or:[{ product_color: "indigo"}, {product_price:'492.00'}]}).pretty()

{
    "_id" : 0bjectId("65fef5afd27205534761cb21"),
    "id" : "2",
    "product_name" : "Practical Fresh Sausages",
    "product_price" : 911,
    "product_naterial" : "Cotton",
    "product_color" : "indigo"
}
{
    "_id" : 0bjectId("65fef5afd27205534761cb29"),
    "id" : "10",
    "product_name" : "Generic Wooden Pizza",
    "product_name" : "Frozen",
    "product_material" : "Frozen",
    "product_color" : "indigo"
}
{
    "_id" : 0bjectId("65fef5afd27205534761cb30"),
    "id" : "17",
    "product_name" : "Incredible Metal Car",
    "product_name" : "Fresh",
    "product_material" : "Fresh",
    "product_material" : "Fresh",
    "product_color" : "indigo"
}
{
    "_id" : 0bjectId("65fef5afd27205534761cb38"),
    "_id" : 0bjectId("65fef5afd27205534761cb38"),
}
```

10. Delete the products which product price value are same

db.products.find({},{ product_price : 1}).pretty();