

GUVI TASK 35

The following queries and solutions were obtained from the following data <https://github.com/rvsp/database/blob/master/mongodb/product.json> and executed on MongoDB Compass.

1. Find all the information about each product.

Solution Query:

```
db.products.find()
```

Output:

```
>_MONGOOSH
> use zenTask35;
< switched to db zenTask35
> db.products.find()
< {
  _id: ObjectId('666c85de71337757292b2965'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('666c85de71337757292b2966'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('666c85de71337757292b2967'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
```

```
>_MONGOOSH
}
{
  _id: ObjectId('666c85de71337757292b2968'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
  product_color: 'plum'
}
{
  _id: ObjectId('666c85de71337757292b2969'),
  id: '5',
  product_name: 'Sleek Cotton Chair',
  product_price: 33,
  product_material: 'Fresh',
  product_color: 'black'
}
{
  _id: ObjectId('666c85de71337757292b296a'),
  id: '6',
  product_name: 'Awesome Wooden Towels',
  product_price: 474,
  product_material: 'Plastic',
  product_color: 'orange'
}
{
```

```
>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b296b'),
  id: '7',
  product_name: 'Practical Soft Shoes',
  product_price: 500,
  product_material: 'Rubber',
  product_color: 'pink'
}
{
  _id: ObjectId('666c05de71337757292b296c'),
  id: '8',
  product_name: 'Incredible Steel Hat',
  product_price: 78,
  product_material: 'Rubber',
  product_color: 'violet'
}
{
  _id: ObjectId('666c05de71337757292b296d'),
  id: '9',
  product_name: 'Awesome Wooden Ball',
  product_price: 28,
  product_material: 'Soft',
  product_color: 'azure'
}
{
  _id: ObjectId('666c05de71337757292b296e'),
```

```
>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b296e'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
}
{
  _id: ObjectId('666c05de71337757292b296f'),
  id: '11',
  product_name: 'Unbranded Wooden Cheese',
  product_price: 26,
  product_material: 'Soft',
  product_color: 'black'
}
{
  _id: ObjectId('666c05de71337757292b2970'),
  id: '12',
  product_name: 'Unbranded Plastic Salad',
  product_price: 89,
  product_material: 'Wooden',
  product_color: 'pink'
}
{
  _id: ObjectId('666c05de71337757292b2971'),
```

```
>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b2971'),
  id: '13',
  product_name: 'Gorgeous Cotton Keyboard',
  product_price: 37,
  product_material: 'Concrete',
  product_color: 'sky blue'
}
{
  _id: ObjectId('666c05de71337757292b2972'),
  id: '14',
  product_name: 'Incredible Steel Shirt',
  product_price: 54,
  product_material: 'Metal',
  product_color: 'white'
}
{
  _id: ObjectId('666c05de71337757292b2973'),
  id: '15',
  product_name: 'Ergonomic Cotton Hat',
  product_price: 43,
  product_material: 'Rubber',
  product_color: 'mint green'
}
{
  _id: ObjectId('666c05de71337757292b2974'),
  id: '16',
```

```

>_MONGOOSH
{
  "_id": ObjectId("666c05de71337757292b2976"),
  "id": '16',
  "product_name": 'Small Soft Chair',
  "product_price": 47,
  "product_material": 'Cotton',
  "product_color": 'teal'
}
{
  "_id": ObjectId('666c05de71337757292b2975'),
  "id": '17',
  "product_name": 'Incredible Metal Car',
  "product_price": 36,
  "product_material": 'Fresh',
  "product_color": 'indigo'
}
{
  "_id": ObjectId('666c05de71337757292b2976'),
  "id": '18',
  "product_name": 'Licensed Plastic Bacon',
  "product_price": 88,
  "product_material": 'Steel',
  "product_color": 'yellow'
}
{
  "_id": ObjectId('666c05de71337757292b2977'),
  "id": '19',
  "product_name": 'Intelligent Cotton Chips',

```

```

>_MONGOOSH
{
  "_id": ObjectId('666c05de71337757292b2977'),
  "id": '19',
  "product_name": 'Intelligent Cotton Chips',
  "product_price": 46,
  "product_material": 'Soft',
  "product_color": 'azure'
}
{
  "_id": ObjectId('666c05de71337757292b2978'),
  "id": '20',
  "product_name": 'Handcrafted Wooden Bacon',
  "product_price": 36,
  "product_material": 'Concrete',
  "product_color": 'lime'
}
Type "it" for more
> it
{
  "_id": ObjectId('666c05de71337757292b2979'),
  "id": '21',
  "product_name": 'Unbranded Granite Chicken',
  "product_price": 98,
  "product_material": 'Metal',
  "product_color": 'gold'
}
{

```

```

>_MONGOOSH
{
  "_id": ObjectId('666c05de71337757292b297a'),
  "id": '22',
  "product_name": 'Ergonomic Soft Hat',
  "product_price": 99,
  "product_material": 'Rubber',
  "product_color": 'black'
}
{
  "_id": ObjectId('666c05de71337757292b297b'),
  "id": '23',
  "product_name": 'Intelligent Steel Pizza',
  "product_price": 95,
  "product_material": 'Cotton',
  "product_color": 'azure'
}
{
  "_id": ObjectId('666c05de71337757292b297c'),
  "id": '24',
  "product_name": 'Tasty Rubber Cheese',
  "product_price": 47,
  "product_material": 'Frozen',
  "product_color": 'orchid'
}
{
  "_id": ObjectId('666c05de71337757292b297d'),

```

```
>_MONGOOSH
{
  {
    _id: ObjectId('666c05de71337757292b297b'),
    id: '23',
    product_name: 'Intelligent Steel Pizza',
    product_price: 95,
    product_material: 'Cotton',
    product_color: 'azure'
  }
  {
    _id: ObjectId('666c05de71337757292b297c'),
    id: '24',
    product_name: 'Tasty Rubber Cheese',
    product_price: 47,
    product_material: 'Frozen',
    product_color: 'orchid'
  }
  {
    _id: ObjectId('666c05de71337757292b297d'),
    id: '25',
    product_name: 'Licensed Steel Car',
    product_price: 28,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
}
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>
```

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

Solution Query:

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

Output:

```
>_MONGOOSH
> db.products.find([product_price:{$gte:400,$lte:800}],{})
< {
  {
    _id: ObjectId('666c05de71337757292b2965'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  }
  {
    _id: ObjectId('666c05de71337757292b2967'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  }
  {
    _id: ObjectId('666c05de71337757292b2968'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  }
  {
    _id: ObjectId('666c05de71337757292b296a'),
    id: '6',
    product_name: 'Awesome Wooden Towels',
    product_price: 474,
    product_material: 'Plastic',
    product_color: 'orange'
  }
  {
    _id: ObjectId('666c05de71337757292b296b'),
    id: '7',
    product_name: 'Practical Soft Shoes',
    product_price: 500,
    product_material: 'Rubber',
    product_color: 'pink'
  }
}
```

```
>_MONGOOSH
{
  product_color: 'gold'
}
{
  _id: ObjectId('666c05de71337757292b2968'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
  product_color: 'plum'
}
{
  _id: ObjectId('666c05de71337757292b296a'),
  id: '6',
  product_name: 'Awesome Wooden Towels',
  product_price: 474,
  product_material: 'Plastic',
  product_color: 'orange'
}
{
  _id: ObjectId('666c05de71337757292b296b'),
  id: '7',
  product_name: 'Practical Soft Shoes',
  product_price: 500,
  product_material: 'Rubber',
  product_color: 'pink'
}
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>
```

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

Solution Query:

```
db.products.find({product_price:{$not:{$gte:400, $lte:600}}})
```

Output:

```
>_MONGOOSH
> db.products.find({product_price:{$not:{$gte:400, $lte:600}}})
< {
  _id: ObjectId('666c05de71337757292b2965'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('666c05de71337757292b2966'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('666c05de71337757292b2967'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 698,
  product_material: 'Rubber',
  product_color: 'gold'
}
{
  _id: ObjectId('666c05de71337757292b2969'),
  id: '5',
  product_name: 'Sleek Cotton Chair',
  product_price: 33,
  product_material: 'Fresh',
  product_color: 'black'
}
{
  _id: ObjectId('666c05de71337757292b296c'),
  id: '8',
  product_name: 'Incredible Steel Hat',
  product_price: 78,
  product_material: 'Rubber',
  product_color: 'violet'
}
{
  _id: ObjectId('666c05de71337757292b296d'),
  id: '9',
  product_name: 'Awesome Wooden Ball',
  product_price: 28,
  product_material: 'Soft',
  product_color: 'azure'
}
{
  _id: ObjectId('666c05de71337757292b296e'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
}
{
  _id: ObjectId('666c05de71337757292b296f'),
  id: '11',
  product_name: 'Unbranded Wooden Cheese',
  product_price: 26,
  product_material: 'Soft',
  product_color: 'black'
}
{
  _id: ObjectId('666c05de71337757292b2970'),
  id: '12',
  product_name: 'Unbranded Plastic Salad',
  product_price: 89,
  product_material: 'Wooden',
  product_color: 'pink'
}
{
  _id: ObjectId('666c05de71337757292b2971'),
  id: '13',
  product_name: 'Unbranded Plastic Salad',
  product_price: 89,
  product_material: 'Wooden',
  product_color: 'pink'
}
```

```
>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b2969'),
  id: '5',
  product_name: 'Sleek Cotton Chair',
  product_price: 33,
  product_material: 'Fresh',
  product_color: 'black'
}
{
  _id: ObjectId('666c05de71337757292b296c'),
  id: '8',
  product_name: 'Incredible Steel Hat',
  product_price: 78,
  product_material: 'Rubber',
  product_color: 'violet'
}
{
  _id: ObjectId('666c05de71337757292b296d'),
  id: '9',
  product_name: 'Awesome Wooden Ball',
  product_price: 28,
  product_material: 'Soft',
  product_color: 'azure'
}
{
  _id: ObjectId('666c05de71337757292b296e'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
}
```

```
>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b296e'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
}
{
  _id: ObjectId('666c05de71337757292b296f'),
  id: '11',
  product_name: 'Unbranded Wooden Cheese',
  product_price: 26,
  product_material: 'Soft',
  product_color: 'black'
}
{
  _id: ObjectId('666c05de71337757292b2970'),
  id: '12',
  product_name: 'Unbranded Plastic Salad',
  product_price: 89,
  product_material: 'Wooden',
  product_color: 'pink'
}
{
  _id: ObjectId('666c05de71337757292b2971'),
  id: '13',
  product_name: 'Unbranded Plastic Salad',
  product_price: 89,
  product_material: 'Wooden',
  product_color: 'pink'
}
```

```

>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b2971'),
  id: '13',
  product_name: 'Gorgeous Cotton Keyboard',
  product_price: 37,
  product_material: 'Concrete',
  product_color: 'sky blue'
}
{
  _id: ObjectId('666c05de71337757292b2972'),
  id: '14',
  product_name: 'Incredible Steel Shirt',
  product_price: 54,
  product_material: 'Metal',
  product_color: 'white'
}
{
  _id: ObjectId('666c05de71337757292b2973'),
  id: '15',
  product_name: 'Ergonomic Cotton Hat',
  product_price: 43,
  product_material: 'Rubber',
  product_color: 'mint green'
}
{
  _id: ObjectId('666c05de71337757292b2974'),
  id: '16',
  product_name: 'Small Soft Chair',

```

```

>_MONGOOSH
}
{
  _id: ObjectId('666c05de71337757292b2979'),
  id: '21',
  product_name: 'Unbranded Granite Chicken',
  product_price: 98,
  product_material: 'Metal',
  product_color: 'gold'
}
{
  _id: ObjectId('666c05de71337757292b297a'),
  id: '22',
  product_name: 'Ergonomic Soft Hat',
  product_price: 99,
  product_material: 'Rubber',
  product_color: 'black'
}
{
  _id: ObjectId('666c05de71337757292b297b'),
  id: '23',
  product_name: 'Intelligent Steel Pizza',
  product_price: 95,
  product_material: 'Cotton',
  product_color: 'azure'
}
Type "it" for more
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>

```

```

>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b2974'),
  id: '16',
  product_name: 'Small Soft Chair',
  product_price: 47,
  product_material: 'Cotton',
  product_color: 'teal'
}
{
  _id: ObjectId('666c05de71337757292b2975'),
  id: '17',
  product_name: 'Incredible Metal Car',
  product_price: 86,
  product_material: 'Fresh',
  product_color: 'indigo'
}
{
  _id: ObjectId('666c05de71337757292b2976'),
  id: '18',
  product_name: 'Licensed Plastic Bacon',
  product_price: 88,
  product_material: 'Steel',
  product_color: 'yellow'
}
{
  _id: ObjectId('666c05de71337757292b2977'),
  id: '19',
  product_name: 'Intelligent Cotton Chips',

```

```

>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b2977'),
  id: '19',
  product_name: 'Intelligent Cotton Chips',
  product_price: 46,
  product_material: 'Soft',
  product_color: 'azure'
}
{
  _id: ObjectId('666c05de71337757292b2978'),
  id: '20',
  product_name: 'Handcrafted Wooden Bacon',
  product_price: 36,
  product_material: 'Concrete',
  product_color: 'lime'
}
{
  _id: ObjectId('666c05de71337757292b2979'),
  id: '21',
  product_name: 'Unbranded Granite Chicken',
  product_price: 96,
  product_material: 'Metal',
  product_color: 'gold'
}
{
  _id: ObjectId('666c05de71337757292b297a'),
  id: '22',

```

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

Solution Query:

```
db.products.find({product_price:{>:500}},{}).limit(4)
```

Output:

```

>_MONGOOSH
> db.products.find({product_price:{>:500}},{}).limit(4)
< {
  _id: ObjectId('666c05de71337757292b2965'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('666c05de71337757292b2966'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('666c05de71337757292b2967'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 696,
  product_material: 'Rubber',
  product_color: 'gold'
}
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>

```

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

Solution Query:

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

Output:

```

> db.products.find({}, {product_name:1, product_material:1})
< [
  {
    _id: ObjectId('666c05de71337757292b2965'),
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  },
  {
    _id: ObjectId('666c05de71337757292b2966'),
    product_name: 'Practical Fresh Sausages',
    product_material: 'Cotton'
  },
  {
    _id: ObjectId('666c05de71337757292b2967'),
    product_name: 'Refined Steel Car',
    product_material: 'Rubber'
  },
  {
    _id: ObjectId('666c05de71337757292b2968'),
    product_name: 'Gorgeous Plastic Pants',
    product_material: 'Soft'
  },
  {
    _id: ObjectId('666c05de71337757292b2969'),
    product_name: 'Sleek Cotton Chair',
    product_material: 'Fresh'
  },
  /
]

```

```
p_MONGODB
{
  _id: ObjectId('666c85de71337757292b296a'),
  product_name: 'Awesome Wooden Towels',
  product_material: 'Plastic'
}
{
  _id: ObjectId('666c85de71337757292b296b'),
  product_name: 'Practical Soft Shoes',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666c85de71337757292b296c'),
  product_name: 'Incredible Steel Hat',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666c85de71337757292b296d'),
  product_name: 'Awesome Wooden Ball',
  product_material: 'Soft'
}
{
  _id: ObjectId('666c85de71337757292b296e'),
  product_name: 'Generic Wooden Pizza',
  product_material: 'Frozen'
}
{
  _id: ObjectId('666c85de71337757292b296f')
```

```

p_MONDOOSH
{
  _id: ObjectId('666c05de71337757292b296f'),
  product_name: 'Unbranded Wooden Cheese',
  product_material: 'Soft'
}
{
  _id: ObjectId('666c05de71337757292b2970'),
  product_name: 'Unbranded Plastic Salad',
  product_material: 'Wooden'
}
{
  _id: ObjectId('666c05de71337757292b2971'),
  product_name: 'Gorgeous Cotton Keyboard',
  product_material: 'Concrete'
}
{
  _id: ObjectId('666c05de71337757292b2972'),
  product_name: 'Incredible Steel Shirt',
  product_material: 'Metal'
}
{
  _id: ObjectId('666c05de71337757292b2973'),
  product_name: 'Ergonomic Cotton Mat',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666c05de71337757292b2974'),

```



```

>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b2974'),
  product_name: 'Small Soft Chair',
  product_material: 'Cotton'
}
{
  _id: ObjectId('666c05de71337757292b2975'),
  product_name: 'Incredible Metal Car',
  product_material: 'Fresh'
}
{
  _id: ObjectId('666c05de71337757292b2976'),
  product_name: 'Licensed Plastic Bacon',
  product_material: 'Steel'
}
{
  _id: ObjectId('666c05de71337757292b2977'),
  product_name: 'Intelligent Cotton Chips',
  product_material: 'Soft'
}
{
  _id: ObjectId('666c05de71337757292b2978'),
  product_name: 'Handcrafted Wooden Bacon',
  product_material: 'Concrete'
}
}
Type "it" for more
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>

```

```

>_MONGOOSH
> it
< {
  _id: ObjectId('666c05de71337757292b2979'),
  product_name: 'Unbranded Granite Chicken',
  product_material: 'Metal'
}
{
  _id: ObjectId('666c05de71337757292b297a'),
  product_name: 'Ergonomic Soft Hat',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666c05de71337757292b297b'),
  product_name: 'Intelligent Steel Pizza',
  product_material: 'Cotton'
}
{
  _id: ObjectId('666c05de71337757292b297c'),
  product_name: 'Tasty Rubber Cheese',
  product_material: 'Frozen'
}
{
  _id: ObjectId('666c05de71337757292b297d'),
  product_name: 'Licensed Steel Car',
  product_material: 'Cotton'
}
}
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>

```

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

Solution Query:

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

Output:

```

>_MONGOOSH
> db.products.find({id:"10"},{})
< {
  _id: ObjectId('666c05de71337757292b296e'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
}
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>

```

7. Find only the product name and product material.

Solution Query:

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

Output:

```
>_MONGOOSH
> db.products.find({}, {product_name:1, product_material:1})
< [
  {
    _id: ObjectId('666c05de71337757292b2965'),
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  },
  {
    _id: ObjectId('666c05de71337757292b2966'),
    product_name: 'Practical Fresh Sausages',
    product_material: 'Cotton'
  },
  {
    _id: ObjectId('666c05de71337757292b2967'),
    product_name: 'Refined Steel Car',
    product_material: 'Rubber'
  },
  {
    _id: ObjectId('666c05de71337757292b2968'),
    product_name: 'Gorgeous Plastic Pants',
    product_material: 'Soft'
  },
  {
    _id: ObjectId('666c05de71337757292b2969'),
    product_name: 'Sleek Cotton Chair',
    product_material: 'Fresh'
  }
]
```

```
>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b296a'),
  product_name: 'Awesome Wooden Towels',
  product_material: 'Plastic'
}
{
  _id: ObjectId('666c05de71337757292b296b'),
  product_name: 'Practical Soft Shoes',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666c05de71337757292b296c'),
  product_name: 'Incredible Steel Hat',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666c05de71337757292b296d'),
  product_name: 'Awesome Wooden Ball',
  product_material: 'Soft'
}
{
  _id: ObjectId('666c05de71337757292b296e'),
  product_name: 'Generic Wooden Pizza',
  product_material: 'Frozen'
}
{
  _id: ObjectId('666c05de71337757292b296f'),
```

```
>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b296f'),
  product_name: 'Unbranded Wooden Cheese',
  product_material: 'Soft'
}
{
  _id: ObjectId('666c05de71337757292b2970'),
  product_name: 'Unbranded Plastic Salad',
  product_material: 'Wooden'
}
{
  _id: ObjectId('666c05de71337757292b2971'),
  product_name: 'Gorgeous Cotton Keyboard',
  product_material: 'Concrete'
}
{
  _id: ObjectId('666c05de71337757292b2972'),
  product_name: 'Incredible Steel Shirt',
  product_material: 'Metal'
}
{
  _id: ObjectId('666c05de71337757292b2973'),
  product_name: 'Ergonomic Cotton Hat',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666c05de71337757292b2974'),
```

```

>_MONGOOSH
{
  _id: ObjectId('666c05de71337757292b2974'),
  product_name: 'Small Soft Chair',
  product_material: 'Cotton'
}
{
  _id: ObjectId('666c05de71337757292b2975'),
  product_name: 'Incredible Metal Car',
  product_material: 'Fresh'
}
{
  _id: ObjectId('666c05de71337757292b2976'),
  product_name: 'Licensed Plastic Bacon',
  product_material: 'Steel'
}
{
  _id: ObjectId('666c05de71337757292b2977'),
  product_name: 'Intelligent Cotton Chips',
  product_material: 'Soft'
}
{
  _id: ObjectId('666c05de71337757292b2978'),
  product_name: 'Handcrafted Wooden Bacon',
  product_material: 'Concrete'
}
}
Type "it" for more
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>

```

```

>_MONGOOSH
> it
< {
  _id: ObjectId('666c05de71337757292b2979'),
  product_name: 'Unbranded Granite Chicken',
  product_material: 'Metal'
}
{
  _id: ObjectId('666c05de71337757292b297a'),
  product_name: 'Ergonomic Soft Mat',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666c05de71337757292b297b'),
  product_name: 'Intelligent Steel Pizza',
  product_material: 'Cotton'
}
{
  _id: ObjectId('666c05de71337757292b297c'),
  product_name: 'Tasty Rubber Cheese',
  product_material: 'Frozen'
}
{
  _id: ObjectId('666c05de71337757292b297d'),
  product_name: 'Licensed Steel Car',
  product_material: 'Cotton'
}
}
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>

```

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

Solution Query:

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

Output:

```

>_MONGOOSH
> db.products.find({product_material:"Soft"})
< {
  _id: ObjectId('666c05de71337757292b2968'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
  product_color: 'plum'
}
{
  _id: ObjectId('666c05de71337757292b296d'),
  id: '9',
  product_name: 'Awesome Wooden Ball',
  product_price: 28,
  product_material: 'Soft',
  product_color: 'azure'
}
{
  _id: ObjectId('666c05de71337757292b296f'),
  id: '11',
  product_name: 'Unbranded Wooden Cheese',
  product_price: 26,
  product_material: 'Soft',
  product_color: 'black'
}
{
  _id: ObjectId('666c05de71337757292b2977'),

```

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

Solution Query:

```
db.products.find({product_color:"indigo",product_price:492.00})
```

Output:

```
>_MONGOOSH
> db.products.find({product_color:"indigo",product_price:492.00})
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>
```

10. Delete the products which product price value are 28.

Solution Query:

```
db.products.deleteOne({product_price:28})
```

Output:

```
> db.products.deleteOne({product_price:28})
< {
  acknowledged: true,
  deletedCount: 1
}
Atlas atlas-tlcc3w-shard-0 [primary] zenTask35>
```