

Mongo DB Task 1

Database name- Restaurent

Table name- menu

1.Find all the information about each products

Ans:

```
[{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90ce"
  },
  "id": "1",
  "product_name": "Intelligent Fresh Chips",
  "product_price": 655,
  "product_material": "Concrete",
  "product_color": "mint green"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90cf"
  },
  "id": "2",
  "product_name": "Practical Fresh Sausages",
  "product_price": 911,
  "product_material": "Cotton",
  "product_color": "indigo"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d0"
  },
  "id": "3",
  "product_name": "Refined Steel Car",
  "product_price": 690,
  "product_material": "Rubber",
  "product_color": "gold"
},
```

```
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d1"
  },
  "id": "4",
  "product_name": "Gorgeous Plastic Pants",
  "product_price": 492,
  "product_material": "Soft",
  "product_color": "plum"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d2"
  },
  "id": "5",
  "product_name": "Sleek Cotton Chair",
  "product_price": 33,
  "product_material": "Fresh",
  "product_color": "black"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d3"
  },
  "id": "6",
  "product_name": "Awesome Wooden Towels",
  "product_price": 474,
  "product_material": "Plastic",
  "product_color": "orange"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d4"
  },
  "id": "7",
  "product_name": "Practical Soft Shoes",
  "product_price": 500,
  "product_material": "Rubber",
  "product_color": "pink"
},
}
```

```
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d5"
  },
  "id": "8",
  "product_name": "Incredible Steel Hat",
  "product_price": 78,
  "product_material": "Rubber",
  "product_color": "violet"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d6"
  },
  "id": "9",
  "product_name": "Awesome Wooden Ball",
  "product_price": 28,
  "product_material": "Soft",
  "product_color": "azure"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d7"
  },
  "id": "10",
  "product_name": "Generic Wooden Pizza",
  "product_price": 84,
  "product_material": "Frozen",
  "product_color": "indigo"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d8"
  },
  "id": "11",
  "product_name": "Unbranded Wooden Cheese",
  "product_price": 26,
  "product_material": "Soft",
  "product_color": "black"
},
```

```
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d9"
  },
  "id": "12",
  "product_name": "Unbranded Plastic Salad",
  "product_price": 89,
  "product_material": "Wooden",
  "product_color": "pink"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90da"
  },
  "id": "13",
  "product_name": "Gorgeous Cotton Keyboard",
  "product_price": 37,
  "product_material": "Concrete",
  "product_color": "sky blue"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90db"
  },
  "id": "14",
  "product_name": "Incredible Steel Shirt",
  "product_price": 54,
  "product_material": "Metal",
  "product_color": "white"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90dc"
  },
  "id": "15",
  "product_name": "Ergonomic Cotton Hat",
  "product_price": 43,
  "product_material": "Rubber",
  "product_color": "mint green"
},
}
```

```
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90dd"
  },
  "id": "16",
  "product_name": "Small Soft Chair",
  "product_price": 47,
  "product_material": "Cotton",
  "product_color": "teal"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90de"
  },
  "id": "17",
  "product_name": "Incredible Metal Car",
  "product_price": 36,
  "product_material": "Fresh",
  "product_color": "indigo"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90df"
  },
  "id": "18",
  "product_name": "Licensed Plastic Bacon",
  "product_price": 88,
  "product_material": "Steel",
  "product_color": "yellow"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90e0"
  },
  "id": "19",
  "product_name": "Intelligent Cotton Chips",
  "product_price": 46,
  "product_material": "Soft",
  "product_color": "azure"
},
}
```

```
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90e1"
  },
  "id": "20",
  "product_name": "Handcrafted Wooden Bacon",
  "product_price": 36,
  "product_material": "Concrete",
  "product_color": "lime"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90e2"
  },
  "id": "21",
  "product_name": "Unbranded Granite Chicken",
  "product_price": 90,
  "product_material": "Metal",
  "product_color": "gold"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90e3"
  },
  "id": "22",
  "product_name": "Ergonomic Soft Hat",
  "product_price": 99,
  "product_material": "Rubber",
  "product_color": "black"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90e4"
  },
  "id": "23",
  "product_name": "Intelligent Steel Pizza",
  "product_price": 95,
  "product_material": "Cotton",
  "product_color": "azure"
},
}
```

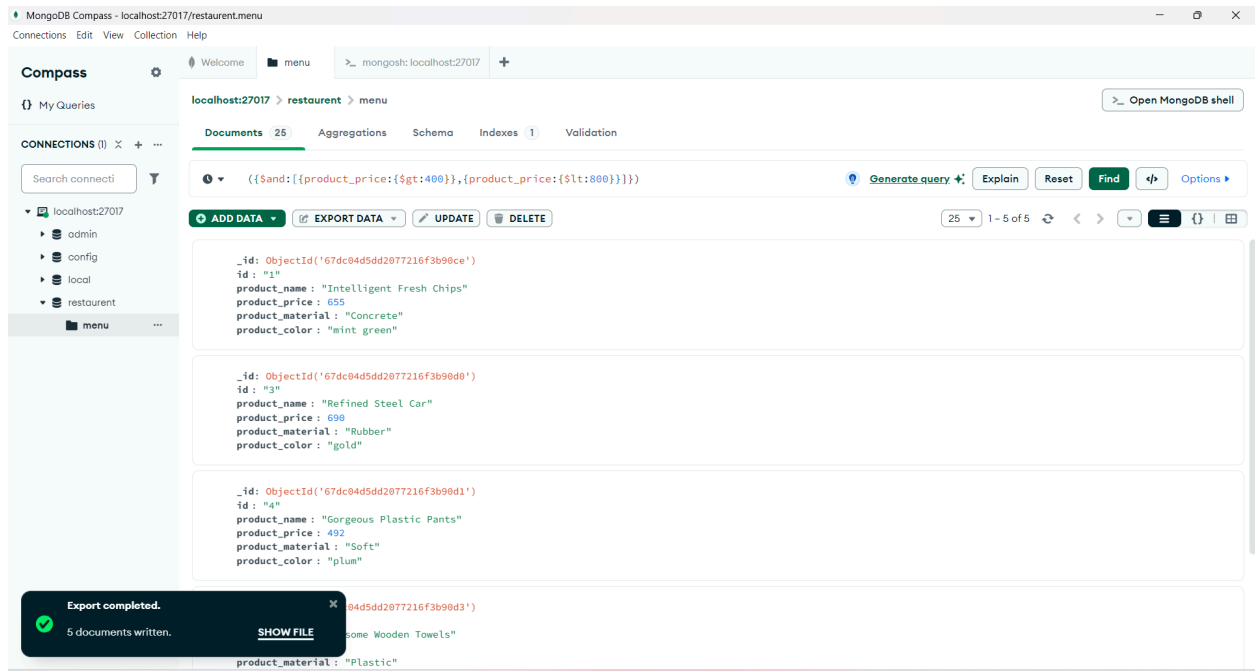
```
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90e5"
  },
  "id": "24",
  "product_name": "Tasty Rubber Cheese",
  "product_price": 47,
  "product_material": "Frozen",
  "product_color": "orchid"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90e6"
  },
  "id": "25",
  "product_name": "Licensed Steel Car",
  "product_price": 20,
  "product_material": "Cotton",
  "product_color": "indigo"
}]
```

Q2.Find the product price which are between 400 to 800

Query:

(\$and:[{product_price:{\$gt:400}},{product_price:{\$lt:800}}])

Ans:



```
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90ce"
  },
  "id": "1",
  "product_name": "Intelligent Fresh Chips",
  "product_price": 655,
  "product_material": "Concrete",
  "product_color": "mint green"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d0"
  },
  "id": "3",
  "product_name": "Refined Steel Car",
  "product_price": 690,
  "product_material": "Rubber",
  "product_color": "gold"
},
{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90d1"
```



```

    },
    "id": "4",
    "product_name": "Gorgeous Plastic Pants",
    "product_price": 492,
    "product_material": "Soft",
    "product_color": "plum"
  },
  {
    "_id": {
      "$oid": "67dc04d5dd2077216f3b90d3"
    },
    "id": "6",
    "product_name": "Awesome Wooden Towels",
    "product_price": 474,
    "product_material": "Plastic",
    "product_color": "orange"
  },
  {
    "_id": {
      "$oid": "67dc04d5dd2077216f3b90d4"
    },
    "id": "7",
    "product_name": "Practical Soft Shoes",
    "product_price": 500,
    "product_material": "Rubber",
    "product_color": "pink"
  }
}

```

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

Query:

```

db.getCollection('menu').find({
  $or: [
    { product_price: { $gt: 400 } },
    { product_price: { $lt: 600 } }
  ]
})

```

```
]  
});
```

Ans;

```
[{  
  "id": "1",  
  "product_name": "Intelligent Fresh Chips",  
  "product_price": 655,  
  "product_material": "Concrete",  
  "product_color": "mint green"  
},  
{  
  "id": "2",  
  "product_name": "Practical Fresh Sausages",  
  "product_price": 911,  
  "product_material": "Cotton",  
  "product_color": "indigo"  
},  
{  
  "id": "3",  
  "product_name": "Refined Steel Car",  
  "product_price": 690,  
  "product_material": "Rubber",  
  "product_color": "gold"  
},  
{  
  "id": "4",  
  "product_name": "Gorgeous Plastic Pants",  
  "product_price": 492,  
  "product_material": "Soft",  
  "product_color": "plum"  
},  
{  
  "id": "5",  
  "product_name": "Sleek Cotton Chair",  
  "product_price": 33,  
  "product_material": "Fresh",  
  "product_color": "black"
```

```
},
{
  "id": "6",
  "product_name": "Awesome Wooden Towels",
  "product_price": 474,
  "product_material": "Plastic",
  "product_color": "orange"
},
{
  "id": "7",
  "product_name": "Practical Soft Shoes",
  "product_price": 500,
  "product_material": "Rubber",
  "product_color": "pink"
},
{
  "id": "8",
  "product_name": "Incredible Steel Hat",
  "product_price": 78,
  "product_material": "Rubber",
  "product_color": "violet"
},
{
  "id": "9",
  "product_name": "Awesome Wooden Ball",
  "product_price": 28,
  "product_material": "Soft",
  "product_color": "azure"
},
{
  "id": "10",
  "product_name": "Generic Wooden Pizza",
  "product_price": 84,
  "product_material": "Frozen",
  "product_color": "indigo"
},
{
  "id": "11",
  "product_name": "Unbranded Wooden Cheese",
  "product_price": 26,
```

```
    "product_material": "Soft",
    "product_color": "black"
  },
  {
    "id": "12",
    "product_name": "Unbranded Plastic Salad",
    "product_price": 89,
    "product_material": "Wooden",
    "product_color": "pink"
  },
  {
    "id": "13",
    "product_name": "Gorgeous Cotton Keyboard",
    "product_price": 37,
    "product_material": "Concrete",
    "product_color": "sky blue"
  },
  {
    "id": "14",
    "product_name": "Incredible Steel Shirt",
    "product_price": 54,
    "product_material": "Metal",
    "product_color": "white"
  },
  {
    "id": "15",
    "product_name": "Ergonomic Cotton Hat",
    "product_price": 43,
    "product_material": "Rubber",
    "product_color": "mint green"
  },
  {
    "id": "16",
    "product_name": "Small Soft Chair",
    "product_price": 47,
    "product_material": "Cotton",
    "product_color": "teal"
  },
  {
    "id": "17",
```

```
    "product_name": "Incredible Metal Car",
    "product_price": 36,
    "product_material": "Fresh",
    "product_color": "indigo"
  },
  {
    "id": "18",
    "product_name": "Licensed Plastic Bacon",
    "product_price": 88,
    "product_material": "Steel",
    "product_color": "yellow"
  },
  {
    "id": "19",
    "product_name": "Intelligent Cotton Chips",
    "product_price": 46,
    "product_material": "Soft",
    "product_color": "azure"
  },
  {
    "id": "20",
    "product_name": "Handcrafted Wooden Bacon",
    "product_price": 36,
    "product_material": "Concrete",
    "product_color": "lime"
  },
  {
    "id": "21",
    "product_name": "Unbranded Granite Chicken",
    "product_price": 90,
    "product_material": "Metal",
    "product_color": "gold"
  },
  {
    "id": "22",
    "product_name": "Ergonomic Soft Hat",
    "product_price": 99,
    "product_material": "Rubber",
    "product_color": "black"
  },
}
```

```
{
  "id": "23",
  "product_name": "Intelligent Steel Pizza",
  "product_price": 95,
  "product_material": "Cotton",
  "product_color": "azure"
},
{
  "id": "24",
  "product_name": "Tasty Rubber Cheese",
  "product_price": 47,
  "product_material": "Frozen",
  "product_color": "orchid"
},
{
  "id": "25",
  "product_name": "Licensed Steel Car",
  "product_price": 20,
  "product_material": "Cotton",
  "product_color": "indigo"
}]
```

MongoDB Compass - localhost:27017/restaurant.menu

Connections Edit View Collection Help

Compass

My Queries

CONNECTIONS (1) x + ...

Search connect

localhost:27017

- admin
- config
- local
- restaurant
 - menu

localhost:27017 > restaurant > menu

Documents 25 Aggregations Schema Indexes 1 Validation

Generate query Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

25 1 - 25 of 25

Export completed. 25 documents written. SHOW FILE

```
{
  "_id": ObjectId("67dc84d5dd2077216f3b99ce"),
  "id": "1",
  "product_name": "Intelligent Fresh Chips",
  "product_price": 655,
  "product_material": "Concrete",
  "product_color": "mint green"
},
{
  "_id": ObjectId("67dc84d5dd2077216f3b99cf"),
  "id": "2",
  "product_name": "Practical Fresh Sausages",
  "product_price": 911,
  "product_material": "Cotton",
  "product_color": "indigo"
},
{
  "_id": ObjectId("67dc84d5dd2077216f3b99d0"),
  "id": "3",
  "product_name": "Refined Steel Car",
  "product_price": 699,
  "product_material": "Rubber",
  "product_color": "gold"
},
{
  "_id": ObjectId("67dc84d5dd2077216f3b99d1"),
  "id": "4",
  "product_name": "Tasty Plastic Pants",
  "product_price": 47,
  "product_material": "Frozen",
  "product_color": "orchid"
},
{
  "_id": ObjectId("67dc84d5dd2077216f3b99d2"),
  "id": "5",
  "product_name": "Licensed Steel Car",
  "product_price": 20,
  "product_material": "Cotton",
  "product_color": "indigo"
}
```

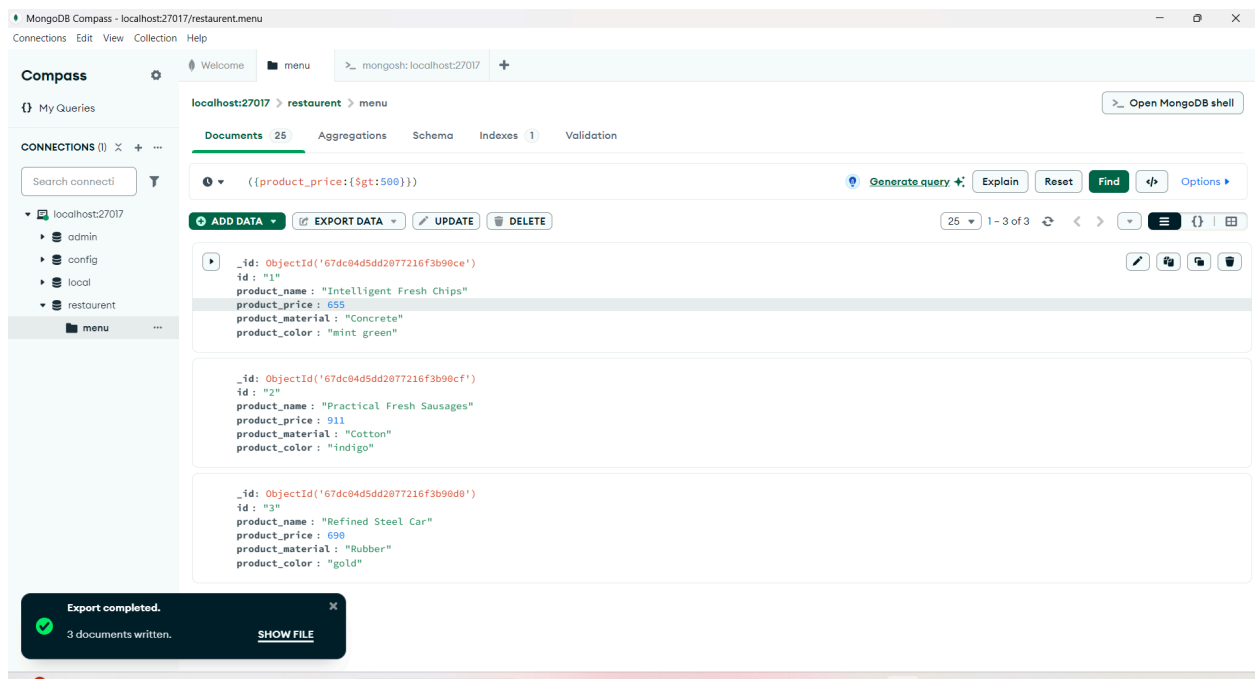
34°C 18:26

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

Query:

```
db.getCollection('menu').find({
  product_price: { $gt: 500 }
});
```

Ans:



```
[{
  "_id": {
    "$oid": "67dc04d5dd2077216f3b90ce"
  },
  "id": "1",
  "product_name": "Intelligent Fresh Chips",
  "product_price": 655,
```

```

    "product_material": "Concrete",
    "product_color": "mint green"
  },
  {
    "_id": {
      "$oid": "67dc04d5dd2077216f3b90cf"
    },
    "id": "2",
    "product_name": "Practical Fresh Sausages",
    "product_price": 911,
    "product_material": "Cotton",
    "product_color": "indigo"
  },
  {
    "_id": {
      "$oid": "67dc04d5dd2077216f3b90d0"
    },
    "id": "3",
    "product_name": "Refined Steel Car",
    "product_price": 690,
    "product_material": "Rubber",
    "product_color": "gold"
  }
}]

```

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

Query:

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

```

{
  _id: ObjectId('67dc04d5dd2077216f3b90ce'),
  product_name: 'Intelligent Fresh Chips',
  product_material: 'Concrete'
}

```



```
{
  _id: ObjectId('67dc04d5dd2077216f3b90cf'),
  product_name: 'Practical Fresh Sausages',
  product_material: 'Cotton'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d0'),
  product_name: 'Refined Steel Car',
  product_material: 'Rubber'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d1'),
  product_name: 'Gorgeous Plastic Pants',
  product_material: 'Soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d2'),
  product_name: 'Sleek Cotton Chair',
  product_material: 'Fresh'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d3'),
  product_name: 'Awesome Wooden Towels',
  product_material: 'Plastic'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d4'),
  product_name: 'Practical Soft Shoes',
  product_material: 'Rubber'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d5'),
  product_name: 'Incredible Steel Hat',
  product_material: 'Rubber'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d6'),
```

```
product_name: 'Awesome Wooden Ball',
product_material: 'Soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d7'),
  product_name: 'Generic Wooden Pizza',
  product_material: 'Frozen'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d8'),
  product_name: 'Unbranded Wooden Cheese',
  product_material: 'Soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d9'),
  product_name: 'Unbranded Plastic Salad',
  product_material: 'Wooden'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90da'),
  product_name: 'Gorgeous Cotton Keyboard',
  product_material: 'Concrete'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90db'),
  product_name: 'Incredible Steel Shirt',
  product_material: 'Metal'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90dc'),
  product_name: 'Ergonomic Cotton Hat',
  product_material: 'Rubber'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90dd'),
  product_name: 'Small Soft Chair',
```

```
product_material: 'Cotton'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90de'),
  product_name: 'Incredible Metal Car',
  product_material: 'Fresh'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90df'),
  product_name: 'Licensed Plastic Bacon',
  product_material: 'Steel'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90e0'),
  product_name: 'Intelligent Cotton Chips',
  product_material: 'Soft'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90e1'),
  product_name: 'Handcrafted Wooden Bacon',
  product_material: 'Concrete'
}
```

```
(
  _id ObjectId('67dc04d5dd2077216f3b90e1'),
  product_name 'Handcrafted Wooden Bacon',
  product_material 'Concrete'
)
```

Type "it" for more
it;

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90e2'),
  product_name: 'Unbranded Granite Chicken',
  product_material: 'Metal'
}
```

```

}

{
  _id: ObjectId('67dc04d5dd2077216f3b90e3'),
  product_name: 'Ergonomic Soft Hat',
  product_material: 'Rubber'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90e4'),
  product_name: 'Intelligent Steel Pizza',
  product_material: 'Cotton'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90e5'),
  product_name: 'Tasty Rubber Cheese',
  product_material: 'Frozen'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90e6'),
  product_name: 'Licensed Steel Car',
  product_material: 'Cotton'
}

```

6.Find the product with a row id of 10

Query:

db.menu.findOne({id:'10'});

Ans:

```

{
  _id: ObjectId('67dc04d5dd2077216f3b90d7'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',

```

```
product_color: 'indigo'
}
```

```

}
> db.menu.findOne(id:10);
✖ SyntaxError: Unexpected token, expected ",", (1:18)

[0m[31m[1m>[22m[39m[90m 1 | [39m db[33m.[39mmenu[33m.[39mfindOne(id[33m:[39m[35m10[39m)[33m;[39m
[90m  |[39m      |[31m[1m^[22m[39m[0m
> db.menu.findOne({id:'10'});
< {
  _id: ObjectId('67dc04d5dd2077216f3b90d7'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
}
restaurent>
```

7.Find only the product name and product material

Query:

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

```
[
  {
    _id: ObjectId('6573458f695b45741675da75'),
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  },
  {
    _id: ObjectId('657345bc695b45741675da76'),
    product_name: 'Practical Fresh Sausages',
```

```
    product_material: 'Cotton'
  },
  {
    _id: ObjectId('657345ca695b45741675da77'),
    product_name: 'Refined Steel Car',
    product_material: 'Rubber'
  },
  {
    _id: ObjectId('657345d7695b45741675da78'),
    product_name: 'Gorgeous Plastic Pants',
    product_material: 'Soft'
  },
  {
    _id: ObjectId('657345e3695b45741675da79'),
    product_name: 'Sleek Cotton Chair',
    product_material: 'Fresh'
  },
  {
    _id: ObjectId('657345ed695b45741675da7a'),
    product_name: 'Awesome Wooden Towel',
    product_material: 'Plastic'
  },
  {
```

```
    _id: ObjectId('657345f3695b45741675da7b'),  
    product_name: 'Practical Soft Shoes',  
    product_material: 'Rubber'  
  },
```

```
  {  
  
    _id: ObjectId('657345fe695b45741675da7c'),  
    product_name: 'Incredible Steel Hat',  
    product_material: 'Rubber'  
  },
```

```
  {  
  
    _id: ObjectId('65734615695b45741675da7d'),  
    product_name: 'Awesome Wooden Ball',  
    product_material: 'Soft'  
  },
```

```
  {  
  
    _id: ObjectId('65734622695b45741675da7e'),  
    product_name: 'Generic Wooden Pizza',  
    product_material: 'Frozen'  
  },
```

```
  {  
  
    _id: ObjectId('6573466b695b45741675da7f'),  
    product_name: 'Unbranded Wooden Cheese',  
    product_material: 'Soft'
```

```
},  
  
{  
  _id: ObjectId('65734684695b45741675da80'),  
  product_name: 'Gorgeous Cotton Keyboard',  
  product_material: 'Concrete'  
},  
  
{  
  _id: ObjectId('6573468a695b45741675da81'),  
  product_name: 'Gorgeous Cotton Keyboard',  
  product_material: 'Concrete'  
},  
  
{  
  _id: ObjectId('65734692695b45741675da82'),  
  product_name: 'Incredible Steel Shirt',  
  product_material: 'Metal'  
},  
  
{  
  _id: ObjectId('6573469d695b45741675da83'),  
  product_name: 'Ergonomic Cotton Hat',  
  product_material: 'Rubber'  
},  
  
{  
  _id: ObjectId('657346a4695b45741675da84'),
```



```
    product_name: 'Small Soft Chair',
    product_material: 'Cotton'
  },
  {
    _id: ObjectId('657346ac695b45741675da85'),
    product_name: 'Incredible Metal Car',
    product_material: 'Fresh'
  },
  {
    _id: ObjectId('657346b2695b45741675da86'),
    product_name: 'Licensed Plastic Bacon',
    product_material: 'Steel'
  },
  {
    _id: ObjectId('657346bd695b45741675da87'),
    product_name: 'Intelligent Cotton Chips',
    product_material: 'Soft'
  },
  {
    _id: ObjectId('657346c5695b45741675da88'),
    product_name: 'Handcrafted Wooden Bacon',
    product_material: 'Concrete'
  }
```

```
]
```

Type "it" for more

```
mongodbtask1> it
```

```
[
```

```
{
```

```
  _id: ObjectId('657346cd695b45741675da89'),
```

```
  product_name: 'Unbranded Granite Chicken',
```

```
  product_material: 'Metal'
```

```
},
```

```
{
```

```
  _id: ObjectId('657346d4695b45741675da8a'),
```

```
  product_name: 'Ergonomic Soft Hat',
```

```
  product_material: 'Rubber'
```

```
},
```

```
{
```

```
  _id: ObjectId('657346df695b45741675da8b'),
```

```
  product_name: 'Intelligent Steel Pizza',
```

```
  product_material: 'Cotton'
```

```
},
```

```
{
```

```
  _id: ObjectId('657346e7695b45741675da8c'),
```

```
  product_name: 'Tasty Rubber Cheese',
```

```
  product_material: 'Frozen'
```

```
},  
  
{  
  _id: ObjectId('657346f2695b45741675da8d'),  
  product_name: 'Licensed Steel Car',  
  product_material: 'Cotton'  
}  
]
```

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

Query:

```
db.menu.find({}, {product_material: 'soft'});
```

```
{  
  _id: ObjectId('67dc04d5dd2077216f3b90ce'),  
  product_material: 'soft'  
}  
  
{  
  _id: ObjectId('67dc04d5dd2077216f3b90cf'),  
  product_material: 'soft'  
}  
  
{  
  _id: ObjectId('67dc04d5dd2077216f3b90d0'),  
  product_material: 'soft'  
}  
  
{
```

```
_id: ObjectId('67dc04d5dd2077216f3b90d1'),
product_material: 'soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d2'),
  product_material: 'soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d3'),
  product_material: 'soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d4'),
  product_material: 'soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d5'),
  product_material: 'soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d6'),
  product_material: 'soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d7'),
  product_material: 'soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d8'),
  product_material: 'soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90d9'),
  product_material: 'soft'
}

{
  _id: ObjectId('67dc04d5dd2077216f3b90da'),
  product_material: 'soft'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90db'),
  product_material: 'soft'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90dc'),
  product_material: 'soft'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90dd'),
  product_material: 'soft'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90de'),
  product_material: 'soft'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90df'),
  product_material: 'soft'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90e0'),
  product_material: 'soft'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90e1'),
  product_material: 'soft'
}
```

Type "it" for more
it;

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90e2'),
  product_material: 'soft'
}
```

```
  _id: ObjectId('67dc04d5dd2077216f3b90e3'),
  product_material: 'soft'
}
```

```
  _id: ObjectId('67dc04d5dd2077216f3b90e4'),
```

```
product_material: 'soft'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90e5'),
  product_material: 'soft'
}
{
  _id: ObjectId('67dc04d5dd2077216f3b90e6'),
  product_material: 'soft'
}
```

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

Query:

```
db.menu.find({$or:[{product_price:{$eq:492.00}},{product_color:{$eq:"indigo"}}]}):
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90cf'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
```

```
{
  _id: ObjectId('67dc04d5dd2077216f3b90d1'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
  product_color: 'plum'
}
{
  _id: ObjectId('67dc04d5dd2077216f3b90d7'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
```

```

    product_price: 84,
    product_material: 'Frozen',
    product_color: 'indigo'
  }

  {
    _id: ObjectId('67dc04d5dd2077216f3b90de'),
    id: '17',
    product_name: 'Incredible Metal Car',
    product_price: 36,
    product_material: 'Fresh',
    product_color: 'indigo'
  }

  _id: ObjectId('67dc04d5dd2077216f3b90e6'),
  id: '25',
  product_name: 'Licensed Steel Car',
  product_price: 20,
  product_material: 'Cotton',
  product_color: 'indigo'
}

```

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

Query: `db.menu.deleteOne({product_price:{$eq:28}});`

```

{
  acknowledged: true,
  deletedCount: 1
}

```

