**Mongodb Day 1 task**

**Create database:**

**> use mongodb\_task1**

**switched to db mongodb\_task1**

**db.products.insertMany([**

**{**

**"id": "1",**

**"product\_name": "Intelligent Fresh Chips",**

**"product\_price": 655.00,**

**"product\_material": "Concrete",**

**"product\_color": "mint green"**

**},**

**{**

**"id": "2",**

**"product\_name": "Practical Fresh Sausages",**

**"product\_price": 911.0,**

**"product\_material": "Cotton",**

**"product\_color": "indigo"**

**},**

**{**

**"id": "3",**

**"product\_name": "Refined Steel Car",**

**"product\_price": 690.00,**

**"product\_material": "Rubber",**

**"product\_color": "gold"**

**},**

**{**

**"id": "4",**

**"product\_name": "Gorgeous Plastic Pants",**

**"product\_price": 492.00,**

**"product\_material": "Soft",**

**"product\_color": "plum"**

**},**

**{**

**"id": "5",**

**"product\_name": "Sleek Cotton Chair",**

**"product\_price": 33.00,**

**"product\_material": "Fresh",**

**"product\_color": "black"**

**},**

**{**

**"id": "6",**

**"product\_name": "Awesome Wooden Towels",**

**"product\_price": 474.00,**

**"product\_material": "Plastic",**

**"product\_color": "orange"**

**},**

**{**

**"id": "7",**

**"product\_name": "Practical Soft Shoes",**

**"product\_price": 500.00,**

**"product\_material": "Rubber",**

**"product\_color": "pink"**

**},**

**{**

**"id": "8",**

**"product\_name": "Incredible Steel Hat",**

**"product\_price": 78.00,**

**"product\_material": "Rubber",**

**"product\_color": "violet"**

**},**

**{**

**"id": "9",**

**"product\_name": "Awesome Wooden Ball",**

**"product\_price": 28.00,**

**"product\_material": "Soft",**

**"product\_color": "azure"**

**},**

**{**

**"id": "10",**

**"product\_name": "Generic Wooden Pizza",**

**"product\_price": 84.00,**

**"product\_material": "Frozen",**

**"product\_color": "indigo"**

**},**

**{**

**"id": "11",**

**"product\_name": "Unbranded Wooden Cheese",**

**"product\_price":26.00,**

**"product\_material": "Soft",**

**"product\_color": "black"**

**},**

**{**

**"id": "12",**

**"product\_name": "Unbranded Plastic Salad",**

**"product\_price": 89.00,**

**"product\_material": "Wooden",**

**"product\_color": "pink"**

**},**

**{**

**"id": "13",**

**"product\_name": "Gorgeous Cotton Keyboard",**

**"product\_price": 37.00,**

**"product\_material": "Concrete",**

**"product\_color": "sky blue"**

**},**

**{**

**"id": "14",**

**"product\_name": "Incredible Steel Shirt",**

**"product\_price": 54.00,**

**"product\_material": "Metal",**

**"product\_color": "white"**

**},**

**{**

**"id": "15",**

**"product\_name": "Ergonomic Cotton Hat",**

**"product\_price": 43.00,**

**"product\_material": "Rubber",**

**"product\_color": "mint green"**

**},**

**{**

**"id": "16",**

**"product\_name": "Small Soft Chair",**

**"product\_price": 47.00,**

**"product\_material": "Cotton",**

**"product\_color": "teal"**

**},**

**{**

**"id": "17",**

**"product\_name": "Incredible Metal Car",**

**"product\_price":36.00,**

**"product\_material": "Fresh",**

**"product\_color": "indigo"**

**},**

**{**

**"id": "18",**

**"product\_name": "Licensed Plastic Bacon",**

**"product\_price":88.00,**

**"product\_material": "Steel",**

**"product\_color": "yellow"**

**},**

**{**

**"id": "19",**

**"product\_name": "Intelligent Cotton Chips",**

**"product\_price": 46.00,**

**"product\_material": "Soft",**

**"product\_color": "azure"**

**},**

**{**

**"id": "20",**

**"product\_name": "Handcrafted Wooden Bacon",**

**"product\_price": 36.00,**

**"product\_material": "Concrete",**

**"product\_color": "lime"**

**},**

**{**

**"id": "21",**

**"product\_name": "Unbranded Granite Chicken",**

**"product\_price": 90.00,**

**"product\_material": "Metal",**

**"product\_color": "gold"**

**},**

**{**

**"id": "22",**

**"product\_name": "Ergonomic Soft Hat",**

**"product\_price": 99.00,**

**"product\_material": "Rubber",**

**"product\_color": "black"**

**},**

**{**

**"id": "23",**

**"product\_name": "Intelligent Steel Pizza",**

**"product\_price": 95.00,**

**"product\_material": "Cotton",**

**"product\_color": "azure"**

**},**

**{**

**"id": "24",**

**"product\_name": "Tasty Rubber Cheese",**

**"product\_price":47.00,**

**"product\_material": "Frozen",**

**"product\_color": "orchid"**

**},**

**{**

**"id": "25",**

**"product\_name": "Licensed Steel Car",**

**"product\_price":20.00,**

**"product\_material": "Cotton",**

**"product\_color": "indigo"**

**}**

**]);**

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

**Query:1**

**> db.products.find().pretty();**

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa35"),

"id" : "1",

"product\_name" : "Intelligent Fresh Chips",

"product\_price" : 655,

"product\_material" : "Concrete",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa36"),

"id" : "2",

"product\_name" : "Practical Fresh Sausages",

"product\_price" : 911,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa37"),

"id" : "3",

"product\_name" : "Refined Steel Car",

"product\_price" : 690,

"product\_material" : "Rubber",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa38"),

"id" : "4",

"product\_name" : "Gorgeous Plastic Pants",

"product\_price" : 492,

"product\_material" : "Soft",

"product\_color" : "plum"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa39"),

"id" : "5",

"product\_name" : "Sleek Cotton Chair",

"product\_price" : 33,

"product\_material" : "Fresh",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3a"),

"id" : "6",

"product\_name" : "Awesome Wooden Towels",

"product\_price" : 474,

"product\_material" : "Plastic",

"product\_color" : "orange"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3b"),

"id" : "7",

"product\_name" : "Practical Soft Shoes",

"product\_price" : 500,

"product\_material" : "Rubber",

"product\_color" : "pink"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3c"),

"id" : "8",

"product\_name" : "Incredible Steel Hat",

"product\_price" : 78,

"product\_material" : "Rubber",

"product\_color" : "violet"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3d"),

"id" : "9",

"product\_name" : "Awesome Wooden Ball",

"product\_price" : 28,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3e"),

"id" : "10",

"product\_name" : "Generic Wooden Pizza",

"product\_price" : 84,

"product\_material" : "Frozen",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3f"),

"id" : "11",

"product\_name" : "Unbranded Wooden Cheese",

"product\_price" : 26,

"product\_material" : "Soft",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa40"),

"id" : "12",

"product\_name" : "Unbranded Plastic Salad",

"product\_price" : 89,

"product\_material" : "Wooden",

"product\_color" : "pink"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa41"),

"id" : "13",

"product\_name" : "Gorgeous Cotton Keyboard",

"product\_price" : 37,

"product\_material" : "Concrete",

"product\_color" : "sky blue"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa42"),

"id" : "14",

"product\_name" : "Incredible Steel Shirt",

"product\_price" : 54,

"product\_material" : "Metal",

"product\_color" : "white"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa43"),

"id" : "15",

"product\_name" : "Ergonomic Cotton Hat",

"product\_price" : 43,

"product\_material" : "Rubber",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa44"),

"id" : "16",

"product\_name" : "Small Soft Chair",

"product\_price" : 47,

"product\_material" : "Cotton",

"product\_color" : "teal"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa45"),

"id" : "17",

"product\_name" : "Incredible Metal Car",

"product\_price" : 36,

"product\_material" : "Fresh",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa46"),

"id" : "18",

"product\_name" : "Licensed Plastic Bacon",

"product\_price" : 88,

"product\_material" : "Steel",

"product\_color" : "yellow"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa47"),

"id" : "19",

"product\_name" : "Intelligent Cotton Chips",

"product\_price" : 46,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa48"),

"id" : "20",

"product\_name" : "Handcrafted Wooden Bacon",

"product\_price" : 36,

"product\_material" : "Concrete",

"product\_color" : "lime"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa49"),

"id" : "21",

"product\_name" : "Unbranded Granite Chicken",

"product\_price" : 90,

"product\_material" : "Metal",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa4a"),

"id" : "22",

"product\_name" : "Ergonomic Soft Hat",

"product\_price" : 99,

"product\_material" : "Rubber",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa4b"),

"id" : "23",

"product\_name" : "Intelligent Steel Pizza",

"product\_price" : 95,

"product\_material" : "Cotton",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa4c"),

"id" : "24",

"product\_name" : "Tasty Rubber Cheese",

"product\_price" : 47,

"product\_material" : "Frozen",

"product\_color" : "orchid"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa4d"),

"id" : "25",

"product\_name" : "Licensed Steel Car",

"product\_price" : 20,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

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

**Query2:**

**>db.products.find({product\_price:{$gte:400,$lte:800}}).pretty();**

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa35"),

"id" : "1",

"product\_name" : "Intelligent Fresh Chips",

"product\_price" : 655,

"product\_material" : "Concrete",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa37"),

"id" : "3",

"product\_name" : "Refined Steel Car",

"product\_price" : 690,

"product\_material" : "Rubber",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa38"),

"id" : "4",

"product\_name" : "Gorgeous Plastic Pants",

"product\_price" : 492,

"product\_material" : "Soft",

"product\_color" : "plum"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3a"),

"id" : "6",

"product\_name" : "Awesome Wooden Towels",

"product\_price" : 474,

"product\_material" : "Plastic",

"product\_color" : "orange"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3b"),

"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**

**Query3:**

**> db.products.find({product\_price:{$not:{$gt:400,$lt:600}}}).pretty();**

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa35"),

"id" : "1",

"product\_name" : "Intelligent Fresh Chips",

"product\_price" : 655,

"product\_material" : "Concrete",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa36"),

"id" : "2",

"product\_name" : "Practical Fresh Sausages",

"product\_price" : 911,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa37"),

"id" : "3",

"product\_name" : "Refined Steel Car",

"product\_price" : 690,

"product\_material" : "Rubber",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa39"),

"id" : "5",

"product\_name" : "Sleek Cotton Chair",

"product\_price" : 33,

"product\_material" : "Fresh",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3c"),

"id" : "8",

"product\_name" : "Incredible Steel Hat",

"product\_price" : 78,

"product\_material" : "Rubber",

"product\_color" : "violet"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3d"),

"id" : "9",

"product\_name" : "Awesome Wooden Ball",

"product\_price" : 28,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3e"),

"id" : "10",

"product\_name" : "Generic Wooden Pizza",

"product\_price" : 84,

"product\_material" : "Frozen",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3f"),

"id" : "11",

"product\_name" : "Unbranded Wooden Cheese",

"product\_price" : 26,

"product\_material" : "Soft",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa40"),

"id" : "12",

"product\_name" : "Unbranded Plastic Salad",

"product\_price" : 89,

"product\_material" : "Wooden",

"product\_color" : "pink"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa41"),

"id" : "13",

"product\_name" : "Gorgeous Cotton Keyboard",

"product\_price" : 37,

"product\_material" : "Concrete",

"product\_color" : "sky blue"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa42"),

"id" : "14",

"product\_name" : "Incredible Steel Shirt",

"product\_price" : 54,

"product\_material" : "Metal",

"product\_color" : "white"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa43"),

"id" : "15",

"product\_name" : "Ergonomic Cotton Hat",

"product\_price" : 43,

"product\_material" : "Rubber",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa44"),

"id" : "16",

"product\_name" : "Small Soft Chair",

"product\_price" : 47,

"product\_material" : "Cotton",

"product\_color" : "teal"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa45"),

"id" : "17",

"product\_name" : "Incredible Metal Car",

"product\_price" : 36,

"product\_material" : "Fresh",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa46"),

"id" : "18",

"product\_name" : "Licensed Plastic Bacon",

"product\_price" : 88,

"product\_material" : "Steel",

"product\_color" : "yellow"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa47"),

"id" : "19",

"product\_name" : "Intelligent Cotton Chips",

"product\_price" : 46,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa48"),

"id" : "20",

"product\_name" : "Handcrafted Wooden Bacon",

"product\_price" : 36,

"product\_material" : "Concrete",

"product\_color" : "lime"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa49"),

"id" : "21",

"product\_name" : "Unbranded Granite Chicken",

"product\_price" : 90,

"product\_material" : "Metal",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa4a"),

"id" : "22",

"product\_name" : "Ergonomic Soft Hat",

"product\_price" : 99,

"product\_material" : "Rubber",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa4b"),

"id" : "23",

"product\_name" : "Intelligent Steel Pizza",

"product\_price" : 95,

"product\_material" : "Cotton",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa4c"),

"id" : "24",

"product\_name" : "Tasty Rubber Cheese",

"product\_price" : 47,

"product\_material" : "Frozen",

"product\_color" : "orchid"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa4d"),

"id" : "25",

"product\_name" : "Licensed Steel Car",

"product\_price" : 20,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

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

**Query4> db.products.find({product\_price:{$gt:500}}).limit(4).pretty();**

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa35"),

"id" : "1",

"product\_name" : "Intelligent Fresh Chips",

"product\_price" : 655,

"product\_material" : "Concrete",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa36"),

"id" : "2",

"product\_name" : "Practical Fresh Sausages",

"product\_price" : 911,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa37"),

"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**

**Query5:**

**> db.products.find({},{\_id:0,product\_name:1,product\_material:1}).pretty();**

{ "product\_name" : "Intelligent Fresh Chips", "product\_material" : "Concrete"}

{ "product\_name" : "Practical Fresh Sausages", "product\_material" : "Cotton"}

{ "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" : "Awesome Wooden Towels", "product\_material" : "Plastic" }

{ "product\_name" : "Practical Soft Shoes", "product\_material" : "Rubber" }

{ "product\_name" : "Incredible Steel Hat", "product\_material" : "Rubber" }

{ "product\_name" : "Awesome Wooden Ball", "product\_material" : "Soft" }

{ "product\_name" : "Generic Wooden Pizza", "product\_material" : "Frozen" }

{ "product\_name" : "Unbranded Wooden Cheese", "product\_material" : "Soft" }

{ "product\_name" : "Unbranded Plastic Salad", "product\_material" : "Wooden" }

{ "product\_name" : "Gorgeous Cotton Keyboard", "product\_material" : "Concrete"}

{ "product\_name" : "Incredible Steel Shirt", "product\_material" : "Metal" }

{ "product\_name" : "Ergonomic Cotton Hat", "product\_material" : "Rubber" }

{ "product\_name" : "Small Soft Chair", "product\_material" : "Cotton" }

{ "product\_name" : "Incredible Metal Car", "product\_material" : "Fresh" }

{ "product\_name" : "Licensed Plastic Bacon", "product\_material" : "Steel" }

{ "product\_name" : "Intelligent Cotton Chips", "product\_material" : "Soft" }

{ "product\_name" : "Handcrafted Wooden Bacon", "product\_material" : "Concrete"}

{ "product\_name" : "Unbranded Granite Chicken", "product\_material" : "Metal"}

{ "product\_name" : "Ergonomic Soft Hat", "product\_material" : "Rubber" }

{ "product\_name" : "Intelligent Steel Pizza", "product\_material" : "Cotton" }

{ "product\_name" : "Tasty Rubber Cheese", "product\_material" : "Frozen" }

{ "product\_name" : "Licensed Steel Car", "product\_material" : "Cotton" }

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

**Query6:**

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

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3e"),

"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**

**Query7:**

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

{ "product\_name" : "Intelligent Fresh Chips", "product\_material" : "Concrete" }

{ "product\_name" : "Practical Fresh Sausages", "product\_material" : "Cotton" }

{ "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" : "Awesome Wooden Towels", "product\_material" : "Plastic" }

{ "product\_name" : "Practical Soft Shoes", "product\_material" : "Rubber" }

{ "product\_name" : "Incredible Steel Hat", "product\_material" : "Rubber" }

{ "product\_name" : "Awesome Wooden Ball", "product\_material" : "Soft" }

{ "product\_name" : "Generic Wooden Pizza", "product\_material" : "Frozen" }

{ "product\_name" : "Unbranded Wooden Cheese", "product\_material" : "Soft" }

{ "product\_name" : "Unbranded Plastic Salad", "product\_material" : "Wooden" }

{ "product\_name" : "Gorgeous Cotton Keyboard", "product\_material" : "Concrete" }

{ "product\_name" : "Incredible Steel Shirt", "product\_material" : "Metal" }

{ "product\_name" : "Ergonomic Cotton Hat", "product\_material" : "Rubber" }

{ "product\_name" : "Small Soft Chair", "product\_material" : "Cotton" }

{ "product\_name" : "Incredible Metal Car", "product\_material" : "Fresh" }

{ "product\_name" : "Licensed Plastic Bacon", "product\_material" : "Steel" }

{ "product\_name" : "Intelligent Cotton Chips", "product\_material" : "Soft" }

{ "product\_name" : "Handcrafted Wooden Bacon", "product\_material" : "Concrete"}

{ "product\_name" : "Unbranded Granite Chicken", "product\_material" : "Metal" }

{ "product\_name" : "Ergonomic Soft Hat", "product\_material" : "Rubber" }

{ "product\_name" : "Intelligent Steel Pizza", "product\_material" : "Cotton" }

{ "product\_name" : "Tasty Rubber Cheese", "product\_material" : "Frozen" }

{ "product\_name" : "Licensed Steel Car", "product\_material" : "Cotton" }

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

**Query8:> db.products.find({"product\_material":"Soft"}).pretty();**

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa38"),

"id" : "4",

"product\_name" : "Gorgeous Plastic Pants",

"product\_price" : 492,

"product\_material" : "Soft",

"product\_color" : "plum"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3d"),

"id" : "9",

"product\_name" : "Awesome Wooden Ball",

"product\_price" : 28,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa3f"),

"id" : "11",

"product\_name" : "Unbranded Wooden Cheese",

"product\_price" : 26,

"product\_material" : "Soft",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65e7acdc39e536922c2aaa47"),

"id" : "19",

"product\_name" : "Intelligent Cotton Chips",

"product\_price" : 46,

"product\_material" : "Soft",

"product\_color" : "azure"

}

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

**Query9:**

**db.products.find({"product\_color":"indigo","product\_price":492});**

**Never matched this query's condition any one product.**

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

**Query10:**

**db.products.aggregate([**

**{**

**$group: {**

**\_id: "$product\_price",**

**ids: { $push: "$\_id" },**

**count: { $sum: 1 }**

**}**

**},**

**{**

**$match: {**

**count: { $gt: 1 }**

**}**

**}**

**]).forEach(function(doc) {**

**db.products.deleteMany({ \_id: { $in: doc.ids } });**

**});**

**db.products.find().pretty();**

{

"\_id" : ObjectId("65ea5f40c02c67ef000258e4"),

"id" : "1",

"product\_name" : "Intelligent Fresh Chips",

"product\_price" : 655,

"product\_material" : "Concrete",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258e5"),

"id" : "2",

"product\_name" : "Practical Fresh Sausages",

"product\_price" : 911,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258e6"),

"id" : "3",

"product\_name" : "Refined Steel Car",

"product\_price" : 690,

"product\_material" : "Rubber",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258e7"),

"id" : "4",

"product\_name" : "Gorgeous Plastic Pants",

"product\_price" : 492,

"product\_material" : "Soft",

"product\_color" : "plum"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258e8"),

"id" : "5",

"product\_name" : "Sleek Cotton Chair",

"product\_price" : 33,

"product\_material" : "Fresh",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258e9"),

"id" : "6",

"product\_name" : "Awesome Wooden Towels",

"product\_price" : 474,

"product\_material" : "Plastic",

"product\_color" : "orange"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258ea"),

"id" : "7",

"product\_name" : "Practical Soft Shoes",

"product\_price" : 500,

"product\_material" : "Rubber",

"product\_color" : "pink"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258eb"),

"id" : "8",

"product\_name" : "Incredible Steel Hat",

"product\_price" : 78,

"product\_material" : "Rubber",

"product\_color" : "violet"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258ec"),

"id" : "9",

"product\_name" : "Awesome Wooden Ball",

"product\_price" : 28,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258ed"),

"id" : "10",

"product\_name" : "Generic Wooden Pizza",

"product\_price" : 84,

"product\_material" : "Frozen",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258ee"),

"id" : "11",

"product\_name" : "Unbranded Wooden Cheese",

"product\_price" : 26,

"product\_material" : "Soft",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258ef"),

"id" : "12",

"product\_name" : "Unbranded Plastic Salad",

"product\_price" : 89,

"product\_material" : "Wooden",

"product\_color" : "pink"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258f0"),

"id" : "13",

"product\_name" : "Gorgeous Cotton Keyboard",

"product\_price" : 37,

"product\_material" : "Concrete",

"product\_color" : "sky blue"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258f1"),

"id" : "14",

"product\_name" : "Incredible Steel Shirt",

"product\_price" : 54,

"product\_material" : "Metal",

"product\_color" : "white"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258f2"),

"id" : "15",

"product\_name" : "Ergonomic Cotton Hat",

"product\_price" : 43,

"product\_material" : "Rubber",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258f5"),

"id" : "18",

"product\_name" : "Licensed Plastic Bacon",

"product\_price" : 88,

"product\_material" : "Steel",

"product\_color" : "yellow"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258f6"),

"id" : "19",

"product\_name" : "Intelligent Cotton Chips",

"product\_price" : 46,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258f8"),

"id" : "21",

"product\_name" : "Unbranded Granite Chicken",

"product\_price" : 90,

"product\_material" : "Metal",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258f9"),

"id" : "22",

"product\_name" : "Ergonomic Soft Hat",

"product\_price" : 99,

"product\_material" : "Rubber",

"product\_color" : "black"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258fa"),

"id" : "23",

"product\_name" : "Intelligent Steel Pizza",

"product\_price" : 95,

"product\_material" : "Cotton",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("65ea5f40c02c67ef000258fc"),

"id" : "25",

"product\_name" : "Licensed Steel Car",

"product\_price" : 20,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}