```
an upcoming release.
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
================
---
The server generated these startup warnings when booting:
        2024-01-10T23:02:59.761+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
---
WARNING: some history file lines were truncated at 4095 bytes.
> show dbs
==version  0.000GB
admin      0.000GB
config     0.000GB
local      0.000GB
sample     0.000GB
> db.taskProduct.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"
...     },
...     {
```

task product details
insert

Type here to search   24°C Haze   ENG   00:56   13-01-2024

```
...            "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"
...        },
...        {
```

product details insert second page

```
...    },
...    {
...         "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 details insert details page 3

```
...     },
...     {
...         "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"
...     }
... ])
{
        "acknowledged" : true,
        "insertedIds" : [
                ObjectId("65a191a152a4de41d4ebe1ce"),
                ObjectId("65a191a152a4de41d4ebe1cf"),
                ObjectId("65a191a152a4de41d4ebe1d0"),
                ObjectId("65a191a152a4de41d4ebe1d1"),
                ObjectId("65a191a152a4de41d4ebe1d2"),
```

product details insert details page 4

```
...        }
... ])
{
        "acknowledged" : true,
        "insertedIds" : [
                ObjectId("65a191a152a4de41d4ebe1ce"),
                ObjectId("65a191a152a4de41d4ebe1cf"),
                ObjectId("65a191a152a4de41d4ebe1d0"),
                ObjectId("65a191a152a4de41d4ebe1d1"),
                ObjectId("65a191a152a4de41d4ebe1d2"),
                ObjectId("65a191a152a4de41d4ebe1d3"),
                ObjectId("65a191a152a4de41d4ebe1d4"),
                ObjectId("65a191a152a4de41d4ebe1d5"),
                ObjectId("65a191a152a4de41d4ebe1d6"),
                ObjectId("65a191a152a4de41d4ebe1d7"),
                ObjectId("65a191a152a4de41d4ebe1d8"),
                ObjectId("65a191a152a4de41d4ebe1d9"),
                ObjectId("65a191a152a4de41d4ebe1da"),
                ObjectId("65a191a152a4de41d4ebe1db"),
                ObjectId("65a191a152a4de41d4ebe1dc"),
                ObjectId("65a191a152a4de41d4ebe1dd"),
                ObjectId("65a191a152a4de41d4ebe1de"),
                ObjectId("65a191a152a4de41d4ebe1df"),
                ObjectId("65a191a152a4de41d4ebe1e0"),
                ObjectId("65a191a152a4de41d4ebe1e1"),
                ObjectId("65a191a152a4de41d4ebe1e2"),
                ObjectId("65a191a152a4de41d4ebe1e3"),
                ObjectId("65a191a152a4de41d4ebe1e4"),
                ObjectId("65a191a152a4de41d4ebe1e5"),
                ObjectId("65a191a152a4de41d4ebe1e6")
        ]
}
> dp.taskProduct.find().pretty()
uncaught exception: ReferenceError: dp is not defined :
@(shell):1:1
> db.taskProduct.find().pretty()
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1ce"),
        "id" : "1",
        "product_name" : "Intelligent Fresh Chips",
        "product_price" : 655,
        "product_material" : "Concrete",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1cf"),
        "id" : "2",
        "product_name" : "Practical Fresh Sausages",
        "product_price" : 911,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
```

object ID created

@(shell):1:1

```
> db.taskProduct.find().pretty()
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1ce"),
        "id" : "1",
        "product_name" : "Intelligent Fresh Chips",
        "product_price" : 655,
        "product_material" : "Concrete",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1cf"),
        "id" : "2",
        "product_name" : "Practical Fresh Sausages",
        "product_price" : 911,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d0"),
        "id" : "3",
        "product_name" : "Refined Steel Car",
        "product_price" : 690,
        "product_material" : "Rubber",
        "product_color" : "gold"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d1"),
        "id" : "4",
        "product_name" : "Gorgeous Plastic Pants",
        "product_price" : 492,
        "product_material" : "Soft",
        "product_color" : "plum"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d2"),
        "id" : "5",
        "product_name" : "Sleek Cotton Chair",
        "product_price" : 33,
        "product_material" : "Fresh",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d3"),
        "id" : "6",
        "product_name" : "Awesome Wooden Towels",
        "product_price" : 474,
        "product_material" : "Plastic",
        "product_color" : "orange"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d4"),
```

using find() all products display page 1

```
        "_id" : ObjectId("65a191a152a4de41d4ebe1d4"),
        "id" : "7",
        "product_name" : "Practical Soft Shoes",
        "product_price" : 500,
        "product_material" : "Rubber",
        "product_color" : "pink"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d5"),
        "id" : "8",
        "product_name" : "Incredible Steel Hat",
        "product_price" : 78,
        "product_material" : "Rubber",
        "product_color" : "violet"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d6"),
        "id" : "9",
        "product_name" : "Awesome Wooden Ball",
        "product_price" : 28,
        "product_material" : "Soft",
        "product_color" : "azure"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d7"),
        "id" : "10",
        "product_name" : "Generic Wooden Pizza",
        "product_price" : 84,
        "product_material" : "Frozen",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d8"),
        "id" : "11",
        "product_name" : "Unbranded Wooden Cheese",
        "product_price" : 26,
        "product_material" : "Soft",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d9"),
        "id" : "12",
        "product_name" : "Unbranded Plastic Salad",
        "product_price" : 89,
        "product_material" : "Wooden",
        "product_color" : "pink"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1da"),
        "id" : "13",
        "product_name" : "Gorgeous Cotton Keyboard",
        "product_price" : 37,
```

using find() all products display page 2

```
        "product_price" : 37,
        "product_material" : "Concrete",
        "product_color" : "sky blue"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1db"),
        "id" : "14",
        "product_name" : "Incredible Steel Shirt",
        "product_price" : 54,
        "product_material" : "Metal",
        "product_color" : "white"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1dc"),
        "id" : "15",
        "product_name" : "Ergonomic Cotton Hat",
        "product_price" : 43,
        "product_material" : "Rubber",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1dd"),
        "id" : "16",
        "product_name" : "Small Soft Chair",
        "product_price" : 47,
        "product_material" : "Cotton",
        "product_color" : "teal"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1de"),
        "id" : "17",
        "product_name" : "Incredible Metal Car",
        "product_price" : 36,
        "product_material" : "Fresh",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1df"),
        "id" : "18",
        "product_name" : "Licensed Plastic Bacon",
        "product_price" : 88,
        "product_material" : "Steel",
        "product_color" : "yellow"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e0"),
        "id" : "19",
        "product_name" : "Intelligent Cotton Chips",
        "product_price" : 46,
        "product_material" : "Soft",
        "product_color" : "azure"
}
```

using find() all products display page 3

```
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e1"),
        "id" : "20",
        "product_name" : "Handcrafted Wooden Bacon",
        "product_price" : 36,
        "product_material" : "Concrete",
        "product_color" : "lime"
}
Type "it" for more
> it
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e2"),
        "id" : "21",
        "product_name" : "Unbranded Granite Chicken",
        "product_price" : 90,
        "product_material" : "Metal",
        "product_color" : "gold"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e3"),
        "id" : "22",
        "product_name" : "Ergonomic Soft Hat",
        "product_price" : 99,
        "product_material" : "Rubber",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e4"),
        "id" : "23",
        "product_name" : "Intelligent Steel Pizza",
        "product_price" : 95,
        "product_material" : "Cotton",
        "product_color" : "azure"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e5"),
        "id" : "24",
        "product_name" : "Tasty Rubber Cheese",
        "product_price" : 47,
        "product_material" : "Frozen",
        "product_color" : "orchid"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e6"),
        "id" : "25",
        "product_name" : "Licensed Steel Car",
        "product_price" : 20,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
>
```

using find() all products display page 4

```
}
        "_id" : ObjectId("65a191a152a4de41d4ebe1e6"),
        "id" : "25",
        "product_name" : "Licensed Steel Car",
        "product_price" : 20,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
> db.taskProduct.find({price:{$gte:400, $lt:800}}).pretty()
> db.taskProduct.find({product_price: {$gte:400, $lt:800}}).pretty()
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1ce"),
        "id" : "1",
        "product_name" : "Intelligent Fresh Chips",
        "product_price" : 655,
        "product_material" : "Concrete",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d0"),
        "id" : "3",
        "product_name" : "Refined Steel Car",
        "product_price" : 690,
        "product_material" : "Rubber",
        "product_color" : "gold"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d1"),
        "id" : "4",
        "product_name" : "Gorgeous Plastic Pants",
        "product_price" : 492,
        "product_material" : "Soft",
        "product_color" : "plum"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d3"),
        "id" : "6",
        "product_name" : "Awesome Wooden Towels",
        "product_price" : 474,
        "product_material" : "Plastic",
        "product_color" : "orange"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d4"),
        "id" : "7",
        "product_name" : "Practical Soft Shoes",
        "product_price" : 500,
        "product_material" : "Rubber",
        "product_color" : "pink"
}
>
```

Find the product price which are between 400 to 800- results page 1

```
}
> db.taskProduct.find({product_price: {$not: {$gte:400, $lt:600}}}).pretty()
```

```
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1ce"),
        "id" : "1",
        "product_name" : "Intelligent Fresh Chips",
        "product_price" : 655,
        "product_material" : "Concrete",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1cf"),
        "id" : "2",
        "product_name" : "Practical Fresh Sausages",
        "product_price" : 911,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d0"),
        "id" : "3",
        "product_name" : "Refined Steel Car",
        "product_price" : 690,
        "product_material" : "Rubber",
        "product_color" : "gold"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d2"),
        "id" : "5",
        "product_name" : "Sleek Cotton Chair",
        "product_price" : 33,
        "product_material" : "Fresh",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d5"),
        "id" : "8",
        "product_name" : "Incredible Steel Hat",
        "product_price" : 78,
        "product_material" : "Rubber",
        "product_color" : "violet"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d6"),
        "id" : "9",
        "product_name" : "Awesome Wooden Ball",
        "product_price" : 28,
        "product_material" : "Soft",
        "product_color" : "azure"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d7"),
```

Find the product price which are not between 400 to 600-results page 1

```
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d7"),
        "id" : "10",
        "product_name" : "Generic Wooden Pizza",
        "product_price" : 84,
        "product_material" : "Frozen",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d8"),
        "id" : "11",
        "product_name" : "Unbranded Wooden Cheese",
        "product_price" : 26,
        "product_material" : "Soft",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d9"),
        "id" : "12",
        "product_name" : "Unbranded Plastic Salad",
        "product_price" : 89,
        "product_material" : "Wooden",
        "product_color" : "pink"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1da"),
        "id" : "13",
        "product_name" : "Gorgeous Cotton Keyboard",
        "product_price" : 37,
        "product_material" : "Concrete",
        "product_color" : "sky blue"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1db"),
        "id" : "14",
        "product_name" : "Incredible Steel Shirt",
        "product_price" : 54,
        "product_material" : "Metal",
        "product_color" : "white"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1dc"),
        "id" : "15",
        "product_name" : "Ergonomic Cotton Hat",
        "product_price" : 43,
        "product_material" : "Rubber",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1dd"),
        "id" : "16",
```

Find the product price which are not between 400 to 600-results page 2

```
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1dd"),
        "id" : "16",
        "product_name" : "Small Soft Chair",
        "product_price" : 47,
        "product_material" : "Cotton",
        "product_color" : "teal"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1de"),
        "id" : "17",
        "product_name" : "Incredible Metal Car",
        "product_price" : 36,
        "product_material" : "Fresh",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1df"),
        "id" : "18",
        "product_name" : "Licensed Plastic Bacon",
        "product_price" : 88,
        "product_material" : "Steel",
        "product_color" : "yellow"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e0"),
        "id" : "19",
        "product_name" : "Intelligent Cotton Chips",
        "product_price" : 46,
        "product_material" : "Soft",
        "product_color" : "azure"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e1"),
        "id" : "20",
        "product_name" : "Handcrafted Wooden Bacon",
        "product_price" : 36,
        "product_material" : "Concrete",
        "product_color" : "lime"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e2"),
        "id" : "21",
        "product_name" : "Unbranded Granite Chicken",
        "product_price" : 90,
        "product_material" : "Metal",
        "product_color" : "gold"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e3"),
        "id" : "22",
        "product_name" : "Ergonomic Soft Hat",
```

Find the product price which are not between 400 to 600- results page 3

```
        "_id" : ObjectId("65a191a152a4de41d4ebe1e2"),
        "id" : "21",
        "product_name" : "Unbranded Granite Chicken",
        "product_price" : 90,
        "product_material" : "Metal",
        "product_color" : "gold"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e3"),
        "id" : "22",
        "product_name" : "Ergonomic Soft Hat",
        "product_price" : 99,
        "product_material" : "Rubber",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e4"),
        "id" : "23",
        "product_name" : "Intelligent Steel Pizza",
        "product_price" : 95,
        "product_material" : "Cotton",
        "product_color" : "azure"
}
Type "it" for more
> it
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e5"),
        "id" : "24",
        "product_name" : "Tasty Rubber Cheese",
        "product_price" : 47,
        "product_material" : "Frozen",
        "product_color" : "orchid"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e6"),
        "id" : "25",
        "product_name" : "Licensed Steel Car",
        "product_price" : 20,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
> db.taskProduct.find({product_price: {$gte:500}}).limit(4).pretty()
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1ce"),
        "id" : "1",
        "product_name" : "Intelligent Fresh Chips",
        "product_price" : 655,
        "product_material" : "Concrete",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1cf"),
```

Find the product price which are not between 400 to 600- results page 4

```
        "_id" : ObjectId("65a191a152a4de41d4ebe1e6"),
        "id" : "25",
        "product_name" : "Licensed Steel Car",
        "product_price" : 20,
        "product_material" : "Cotton",
        "product_color" : "indigo"

> db.taskProduct.find({product_price: {$gte:500}}).limit(4).pretty()
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1ce"),
        "id" : "1",
        "product_name" : "Intelligent Fresh Chips",
        "product_price" : 655,
        "product_material" : "Concrete",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1cf"),
        "id" : "2",
        "product_name" : "Practical Fresh Sausages",
        "product_price" : 911,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d0"),
        "id" : "3",
        "product_name" : "Refined Steel Car",
        "product_price" : 690,
        "product_material" : "Rubber",
        "product_color" : "gold"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d4"),
        "id" : "7",
        "product_name" : "Practical Soft Shoes",
        "product_price" : 500,
        "product_material" : "Rubber",
        "product_color" : "pink"
}
```

List the four product which are grater than 500 in price results

```
> db.taskProduct.find().forEach(product_name, product_material).pretty()
uncaught exception: ReferenceError: prduct_name is not defined :
@(shell):1:1
> db.taskProduct.find().forEach(product_name, product_material).pretty()
uncaught exception: ReferenceError: product_name is not defined :
@(shell):1:1
> db.taskProduct("product_name", "product_price").find().pretty()
uncaught exception: TypeError: db.taskProduct is not a function :
@(shell):1:1
> db.taskProduct.find({}, {_id:0, product_name:1, product_material:1}).pretty()
{
        "product_name" : "Intelligent Fresh Chips",
```

```
Command Prompt - mongo ==version                                                          —    □    ×
@(shell):1:1
> db.taskProduct.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"
}
Type "it" for more
> it
{
        "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" }
> db.taskProduct.findOne({rowId:10}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...) is null :
@(shell):1:1
> db.taskProduct.findOne({rowid: "10"}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...) is null :
@(shell):1:1
> db.taskProduct.findOne({id: "10"}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...).pretty is not a function :
```

Find the product name and product material of each products - results page 1

```
> db.taskProduct.findOne({rowId:10}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...) is null :
@(shell):1:1
> db.taskProduct.findOne({rowid: "10"}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...) is null :
@(shell):1:1
> db.taskProduct.findOne({id: "10"}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...).pretty is not a function :
@(shell):1:1
> db.taskProduct.findOne({_id:10}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...) is null :
@(shell):1:1
> db.taskProduct.findOne({_id:"10"}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...) is null :
@(shell):1:1
> db.taskProduct.findOne({id:"1"}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...).pretty is not a function :
@(shell):1:1
> db.taskProduct.findOne({_id:1}).pretty()
uncaught exception: TypeError: db.taskProduct.findOne(...) is null :
@(shell):1:1
> db.taskProduct.find({id:"10"}).pretty()
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d7"),
        "id" : "10",
        "product_name" : "Generic Wooden Pizza",
        "product_price" : 84,
        "product_material" : "Frozen",
        "product_color" : "indigo"
}
> db.taskProduct.find({id:"10", product_name:1, product_material:1}).pretty()
>
> db.taskProduct.find({id:"10"},{_id:0, product_name:1, product_material:1}).pretty()
{ "product_name" : "Generic Wooden Pizza", "product_material" : "Frozen" }
>
>
> db.taskProduct.find({product_material: {$regex:/soft/i}}).pretty()
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d1"),
        "id" : "4",
        "product_name" : "Gorgeous Plastic Pants",
        "product_price" : 492,
        "product_material" : "Soft",
        "product_color" : "plum"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d6"),
        "id" : "9",
        "product_name" : "Awesome Wooden Ball",
        "product_price" : 28,
        "product_material" : "Soft",
        "product_color" : "azure"
```

Find the product with a row id of 10 - result

```
> db.taskProduct.find({id:"10"}).pretty()
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d7"),
        "id" : "10",
        "product_name" : "Generic Wooden Pizza",
        "product_price" : 84,
        "product_material" : "Frozen",
        "product_color" : "indigo"
}
> db.taskProduct.find({id:"10", product_name:1, product_material:1}).pretty()

> db.taskProduct.find({id:"10"},{_id:0, product_name:1, product_material:1}).pretty()
{ "product_name" : "Generic Wooden Pizza", "product_material" : "Frozen" }
>
>
> db.taskProduct.find({product_material: {$regex:/soft/i}}).pretty()
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d1"),
        "id" : "4",
        "product_name" : "Gorgeous Plastic Pants",
        "product_price" : 492,
        "product_material" : "Soft",
        "product_color" : "plum"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d6"),
        "id" : "9",
        "product_name" : "Awesome Wooden Ball",
        "product_price" : 28,
        "product_material" : "Soft",
        "product_color" : "azure"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1d8"),
        "id" : "11",
        "product_name" : "Unbranded Wooden Cheese",
        "product_price" : 26,
        "product_material" : "Soft",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a191a152a4de41d4ebe1e0"),
        "id" : "19",
        "product_name" : "Intelligent Cotton Chips",
        "product_price" : 46,
        "product_material" : "Soft",
        "product_color" : "azure"
}
>
> db.taskProduct.find({product_color: "indigo", product_price: 492}).pretty()
>
> db.taskProduct.find({product_color: "indigo", product_price: 492.00}).pretty()
```
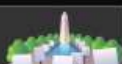
Find only the product name and product material- results page 1.

Find all products which contain the value of "soft" in product material - results

```
>
> db.taskProduct.find({productPrice: {$gte:0}}).pretty()
> db.taskProduct.find({product_price: {$gte:0}}).pretty()
{
        "_id" : ObjectId("65a539926a541e265ee0c537"),
        "id" : "1",
        "product_name" : "Intelligent Fresh Chips",
        "product_price" : 655,
        "product_material" : "Concrete",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c538"),
        "id" : "2",
        "product_name" : "Practical Fresh Sausages",
        "product_price" : 911,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c539"),
        "id" : "3",
        "product_name" : "Refined Steel Car",
        "product_price" : 690,
        "product_material" : "Rubber",
        "product_color" : "gold"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53a"),
        "id" : "4",
        "product_name" : "Gorgeous Plastic Pants",
        "product_price" : 492,
        "product_material" : "Soft",
        "product_color" : "plum"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53b"),
        "id" : "5",
        "product_name" : "Sleek Cotton Chair",
        "product_price" : 33,
        "product_material" : "Fresh",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53c"),
        "id" : "6",
        "product_name" : "Awesome Wooden Towels",
        "product_price" : 474,
        "product_material" : "Plastic",
        "product_color" : "orange"
}
{
```

```
{
        "_id" : ObjectId("65a539926a541e265ee0c53d"),
        "id" : "7",
        "product_name" : "Practical Soft Shoes",
        "product_price" : 500,
        "product_material" : "Rubber",
        "product_color" : "pink"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53e"),
        "id" : "8",
        "product_name" : "Incredible Steel Hat",
        "product_price" : 78,
        "product_material" : "Rubber",
        "product_color" : "violet"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53f"),
        "id" : "9",
        "product_name" : "Awesome Wooden Ball",
        "product_price" : 28,
        "product_material" : "Soft",
        "product_color" : "azure"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c540"),
        "id" : "10",
        "product_name" : "Generic Wooden Pizza",
        "product_price" : 84,
        "product_material" : "Frozen",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c541"),
        "id" : "11",
        "product_name" : "Unbranded Wooden Cheese",
        "product_price" : 26,
        "product_material" : "Soft",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c542"),
        "id" : "12",
        "product_name" : "Unbranded Plastic Salad",
        "product_price" : 89,
        "product_material" : "Wooden",
        "product_color" : "pink"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c543"),
        "id" : "13",
        "product_name" : "Gorgeous Cotton Keyboard",
```

```
{
        "_id" : ObjectId("65a539926a541e265ee0c53d"),
        "id" : "7",
        "product_name" : "Practical Soft Shoes",
        "product_price" : 500,
        "product_material" : "Rubber",
        "product_color" : "pink"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53e"),
        "id" : "8",
        "product_name" : "Incredible Steel Hat",
        "product_price" : 78,
        "product_material" : "Rubber",
        "product_color" : "violet"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53f"),
        "id" : "9",
        "product_name" : "Awesome Wooden Ball",
        "product_price" : 28,
        "product_material" : "Soft",
        "product_color" : "azure"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c540"),
        "id" : "10",
        "product_name" : "Generic Wooden Pizza",
        "product_price" : 84,
        "product_material" : "Frozen",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c541"),
        "id" : "11",
        "product_name" : "Unbranded Wooden Cheese",
        "product_price" : 26,
        "product_material" : "Soft",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c542"),
        "id" : "12",
        "product_name" : "Unbranded Plastic Salad",
        "product_price" : 89,
        "product_material" : "Wooden",
        "product_color" : "pink"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c543"),
        "id" : "13",
        "product_name" : "Gorgeous Cotton Keyboard",
```

```
                "product_color" : "indigo"
}
{
                "_id" : ObjectId("65a539926a541e265ee0c548"),
                "id" : "18",
                "product_name" : "Licensed Plastic Bacon",
                "product_price" : 88,
                "product_material" : "Steel",
                "product_color" : "yellow"
}
{
                "_id" : ObjectId("65a539926a541e265ee0c549"),
                "id" : "19",
                "product_name" : "Intelligent Cotton Chips",
                "product_price" : 46,
                "product_material" : "Soft",
                "product_color" : "azure"
}
{
                "_id" : ObjectId("65a539926a541e265ee0c54b"),
                "id" : "21",
                "product_name" : "Unbranded Granite Chicken",
                "product_price" : 90,
                "product_material" : "Metal",
                "product_color" : "gold"
}
Type "it" for more
> it
{
                "_id" : ObjectId("65a539926a541e265ee0c54c"),
                "id" : "22",
                "product_name" : "Ergonomic Soft Hat",
                "product_price" : 99,
                "product_material" : "Rubber",
                "product_color" : "black"
}
{
                "_id" : ObjectId("65a539926a541e265ee0c54d"),
                "id" : "23",
                "product_name" : "Intelligent Steel Pizza",
                "product_price" : 95,
                "product_material" : "Cotton",
                "product_color" : "azure"
}
{
                "_id" : ObjectId("65a539926a541e265ee0c54f"),
                "id" : "25",
                "product_name" : "Licensed Steel Car",
                "product_price" : 20,
                "product_material" : "Cotton",
                "product_color" : "indigo"
}
```

```
        "product_material" : "Frozen",
        "product_color" : "indigo"
}
> db.taskProduct.find({_id:0, product_color: "indigo"}).pretty()
...
> db.taskProduct.find({product_color: {$regex:/indigo/i}}).pretty()
{
        "_id" : ObjectId("65a539926a541e265ee0c538"),
        "id" : "2",
        "product_name" : "Practical Fresh Sausages",
        "product_price" : 911,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c540"),
        "id" : "10",
        "product_name" : "Generic Wooden Pizza",
        "product_price" : 84,
        "product_material" : "Frozen",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c547"),
        "id" : "17",
        "product_name" : "Incredible Metal Car",
        "product_price" : 36,
        "product_material" : "Fresh",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c54f"),
        "id" : "25",
        "product_name" : "Licensed Steel Car",
        "product_price" : 20,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
```

Find products which contain product color indigo- results

```
> db.taskProduct.find({product_price: 492.00}).pretty()
{
        "_id" : ObjectId("65a539926a541e265ee0c53a"),
        "id" : "4",
        "product_name" : "Gorgeous Plastic Pants",
        "product_price" : 492,
        "product_material" : "Soft",
        "product_color" : "plum"
}
```

Find products which contain product price 492.00 - result

```
> var duplicatePrices = db.taskProduct.aggregate([ { $group: {_id: { product_price: "$product_price"}, count: {$sum}}}])   var duplicatePrices = db.taskProduct.aggregate([ { $gro
up: {_id: { product_price: "$product_price"}, count: {$sum}}}])   var duplicatePrices = db.taskProduct.aggregate([ { $group: {_id: { product_price: "$product_price"}, count: {$su
m:}}}]) var duplicatePrices = db.taskProduct.aggregate([ { $group: {_id: { product_price: "$product_price"}, count: {$sum: }}}])var duplicatePrices = db.taskProduct.aggregate([
```

```
>
>   duplicatePrices.forEach(function(duplicate) {
...      duplicate.ids.shift();
...      db.taskProduct.deleteMany({ _id: { $in: duplicate.ids } });
...   });
>
>
> var duplicatePrices = db.taskProduct.aggregate([
...      {
...        $group: {
...          _id: { product_price: "$product_price" },
...          count: { $sum: 1 },
...          ids: { $push: "$_id" }
...        }
...      },
...      {
...        $match: {
...          count: { $gt: 1 }
...        }
...      }
...    ]);
>
>
>   duplicatePrices.forEach(function(duplicate) {
...      duplicate.ids.shift();
...      db.taskProduct.deleteMany({ _id: { $in: duplicate.ids } });
...   });
>
> db.taskProduct.find({productPrice: {$gte:0}}).pretty()
> db.taskProduct.find({product_price: {$gte:0}}).pretty()
{
        "_id" : ObjectId("65a539926a541e265ee0c537"),
        "id" : "1",
        "product_name" : "Intelligent Fresh Chips",
        "product_price" : 655,
        "product_material" : "Concrete",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c538"),
        "id" : "2",
        "product_name" : "Practical Fresh Sausages",
        "product_price" : 911,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c539"),
        "id" : "3",
        "product_name" : "Refined Steel Car",
        "product_price" : 690,
        "product_material" : "Rubber",
```
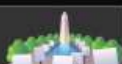
duplicate price deleted

```
>
> db.taskProduct.find({productPrice: {$gte:0}}).pretty()
> db.taskProduct.find({product_price: {$gte:0}}).pretty()
{
        "_id" : ObjectId("65a539926a541e265ee0c537"),
        "id" : "1",
        "product_name" : "Intelligent Fresh Chips",
        "product_price" : 655,
        "product_material" : "Concrete",
        "product_color" : "mint green"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c538"),
        "id" : "2",
        "product_name" : "Practical Fresh Sausages",
        "product_price" : 911,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c539"),
        "id" : "3",
        "product_name" : "Refined Steel Car",
        "product_price" : 690,
        "product_material" : "Rubber",
        "product_color" : "gold"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53a"),
        "id" : "4",
        "product_name" : "Gorgeous Plastic Pants",
        "product_price" : 492,
        "product_material" : "Soft",
        "product_color" : "plum"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53b"),
        "id" : "5",
        "product_name" : "Sleek Cotton Chair",
        "product_price" : 33,
        "product_material" : "Fresh",
        "product_color" : "black"
}
{
        "_id" : ObjectId("65a539926a541e265ee0c53c"),
        "id" : "6",
        "product_name" : "Awesome Wooden Towels",
        "product_price" : 474,
        "product_material" : "Plastic",
        "product_color" : "orange"
}
{
```

after result of deleted duplicates, now there is no duplicats prices.

```
}
{
        "_id" : ObjectId("65a539926a541e265ee0c54f"),
        "id" : "25",
        "product_name" : "Licensed Steel Car",
        "product_price" : 20,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
> db.taskProduct.find({product_price: {$eq:20}}).prettry()
uncaught exception: TypeError: db.taskProduct.find(...).prettry is not a function :
@(shell):1:1
> db.taskProduct.find({product_price: {$eq: 20}}).pretty()
{
        "_id" : ObjectId("65a539926a541e265ee0c54f"),
        "id" : "25",
        "product_name" : "Licensed Steel Car",
        "product_price" : 20,
        "product_material" : "Cotton",
        "product_color" : "indigo"
}
> db.taskProduct.find({product_price: {$eq: 500}}).pretty()
{
        "_id" : ObjectId("65a539926a541e265ee0c53d"),
        "id" : "7",
        "product_name" : "Practical Soft Shoes",
        "product_price" : 500,
        "product_material" : "Rubber",
        "product_color" : "pink"
}
> db.taskProduct.find({product_price: {$eq: 690}}).pretty()
{
        "_id" : ObjectId("65a539926a541e265ee0c539"),
        "id" : "3",
        "product_name" : "Refined Steel Car",
        "product_price" : 690,
        "product_material" : "Rubber",
        "product_color" : "gold"
}
>
```

Kindly note after deleted duplicates, there's no price repeated, some cross checked prices.