

In Class Assignment 4

Karanvir Singh 500202703

We have created a database name “Quality_Control” with collections:

“products, manufacturers, employees, quality control tests and results”

The screenshot shows the MongoDB Compass interface. On the left, the sidebar lists databases: Quality_Control (selected), manufacturers, products, admin, config, cricket, local, sample_mflix, and tennisgrandslam. The main area displays the 'Quality_Control' database with two collections: 'manufacturers' and 'products'. Both collections have a storage size of 4.10 kB, 0 documents, 0 B avg. document size, 1 index, and a total index size of 4.10 kB. Below the database list is a terminal window showing MONGOSH commands. The commands include switching to the 'Quality_Control' database, creating a collection named 'products', and exiting the shell. A red error message is visible in the terminal: 'MongoDBUnimplementedError [COMMON-90002] the exit/quit commands are not supported for current platform: Compass'.

```
>_MONGOSH
> use Quality_Control
< switched to db Quality
> exit
MongoDBUnimplementedError [COMMON-90002] the exit/quit commands are not supported for current platform: Compass
> use Quality_Control
< switched to db Quality_Control
> db.createCollection("products")
< { "ok": 1 }
```

Using “use” database and “db.create collection()” to use and create collection”.

The screenshot shows the MongoDB Compass interface connected to a cluster named 'karanchuster.nrt30uv.mongodb.net'. The 'Quality_Control' database is selected. Two collections are visible: 'manufacturers' and 'products'. Both collections have a storage size of 4.10 kB, 0 documents, 0 B avg. document size, 1 index, and a total index size of 4.10 kB. The MONGOSH shell at the bottom shows the command sequence for creating these collections:

```
>_MONGOSH
> use Quality_Control
> db.createCollection("products")
< { ok: 1 }
> db.createCollection("manufacturers")
< { ok: 1 }
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control
```

The screenshot shows the MongoDB Compass interface connected to the same cluster and database. Now, three collections are listed: 'manufacturers', 'products', and 'quality_control_tests'. All three collections have a storage size of 4.10 kB, 0 documents, 0 B avg. document size, 1 index, and a total index size of 4.10 kB. The MONGOSH shell shows the command sequence for creating the 'quality_control_tests' collection:

```
>_MONGOSH
> use Quality_Control
> db.createCollection("products")
< { ok: 1 }
> db.createCollection("manufacturers")
< { ok: 1 }
> db.createCollection("quality_control_tests")
< { ok: 1 }
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control
```

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control

Connect Edit View Help

Databases Quality_Control +

manufacturers

Storage size: 4.10 kB Documents: 0 Avg. document size: 0 B Indexes: 1 Total index size: 4.10 kB

products

Storage size: 4.10 kB Documents: 0 Avg. document size: 0 B Indexes: 1 Total index size: 4.10 kB

quality_control_tests

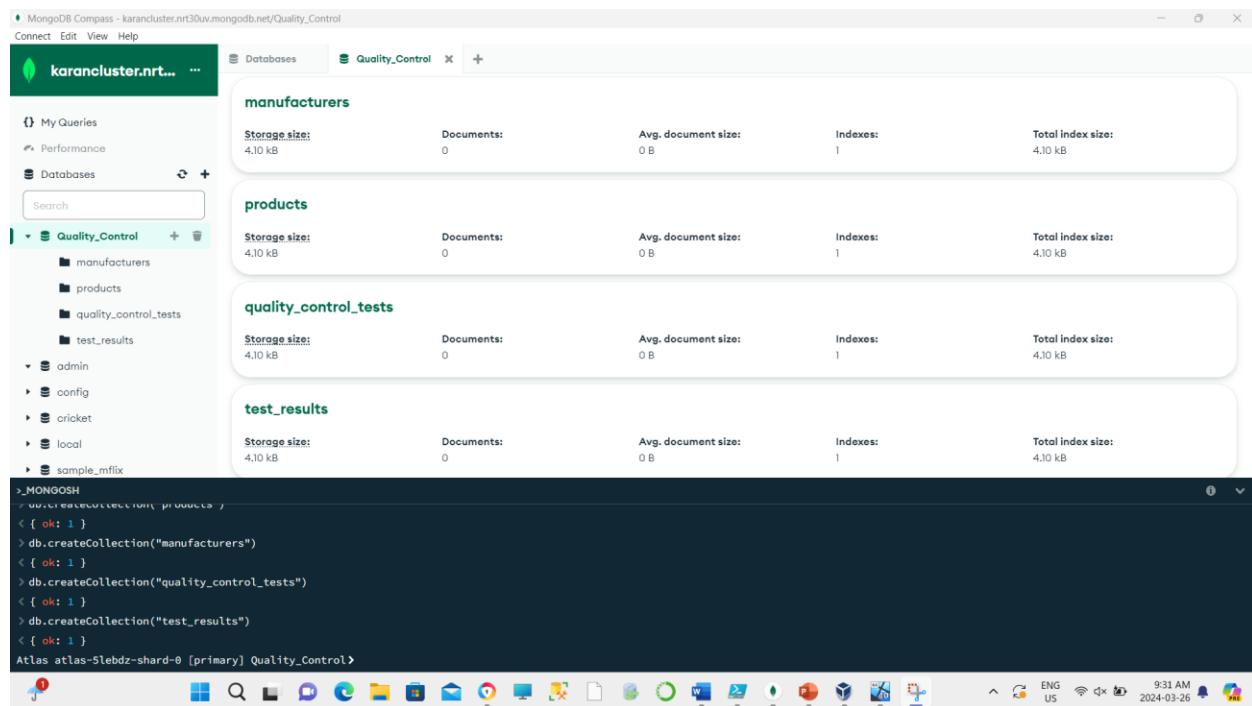
Storage size: 4.10 kB Documents: 0 Avg. document size: 0 B Indexes: 1 Total index size: 4.10 kB

test_results

Storage size: 4.10 kB Documents: 0 Avg. document size: 0 B Indexes: 1 Total index size: 4.10 kB

```
>_MONGOSH
> db.createCollection("products")
< { ok: 1 }
> db.createCollection("manufacturers")
< { ok: 1 }
> db.createCollection("quality_control_tests")
< { ok: 1 }
> db.createCollection("test_results")
< { ok: 1 }
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control
```

ENG US 9:31 AM 2024-03-26



MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control

Connect Edit View Help

Databases Quality_Control +

employees

Storage size: 4.10 kB Documents: 0 Avg. document size: 0 B Indexes: 1 Total index size: 4.10 kB

manufacturers

Storage size: 4.10 kB Documents: 0 Avg. document size: 0 B Indexes: 1 Total index size: 4.10 kB

products

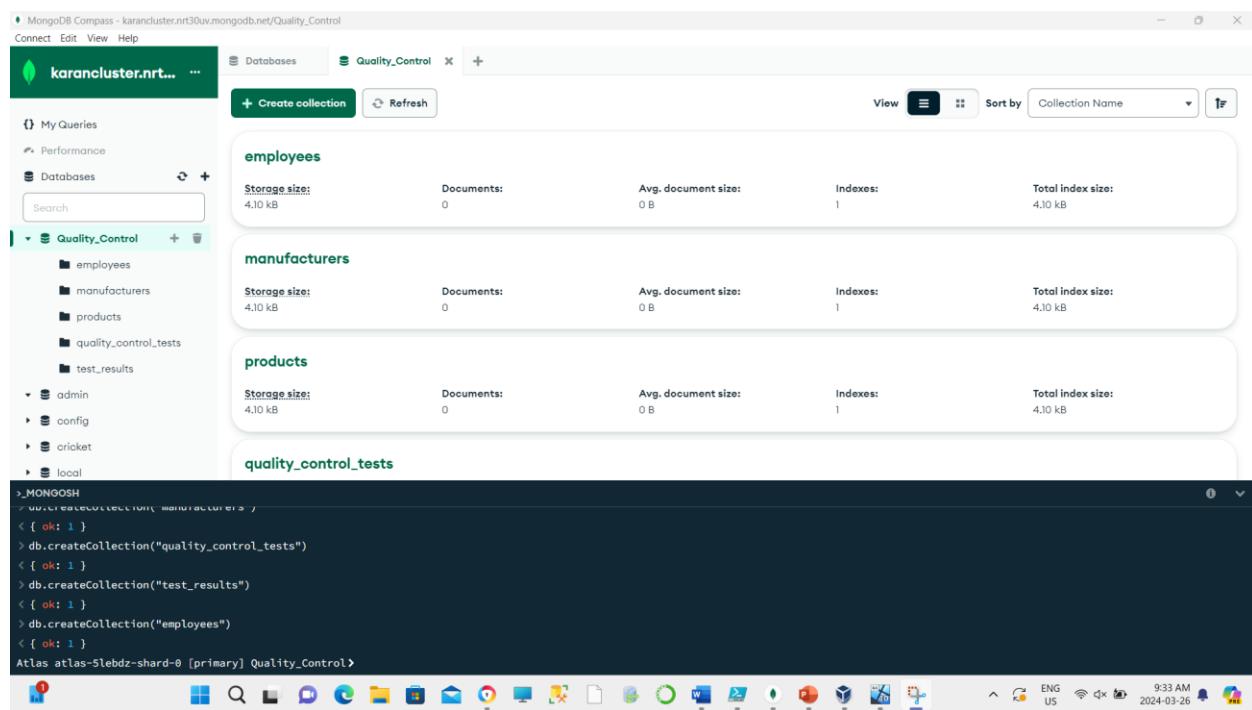
Storage size: 4.10 kB Documents: 0 Avg. document size: 0 B Indexes: 1 Total index size: 4.10 kB

quality_control_tests

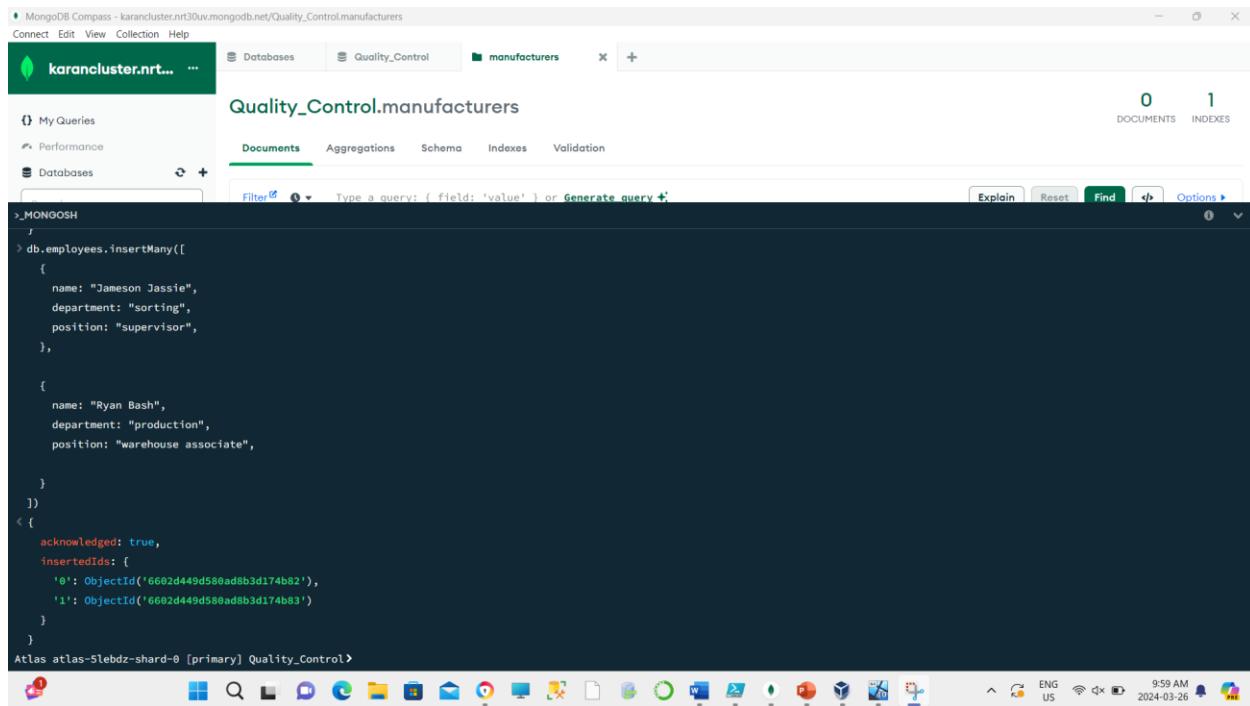
Storage size: 4.10 kB Documents: 0 Avg. document size: 0 B Indexes: 1 Total index size: 4.10 kB

```
>_MONGOSH
> db.createCollection("manufacturers")
< { ok: 1 }
> db.createCollection("quality_control_tests")
< { ok: 1 }
> db.createCollection("test_results")
< { ok: 1 }
> db.createCollection("employees")
< { ok: 1 }
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control
```

ENG US 9:33 AM 2024-03-26

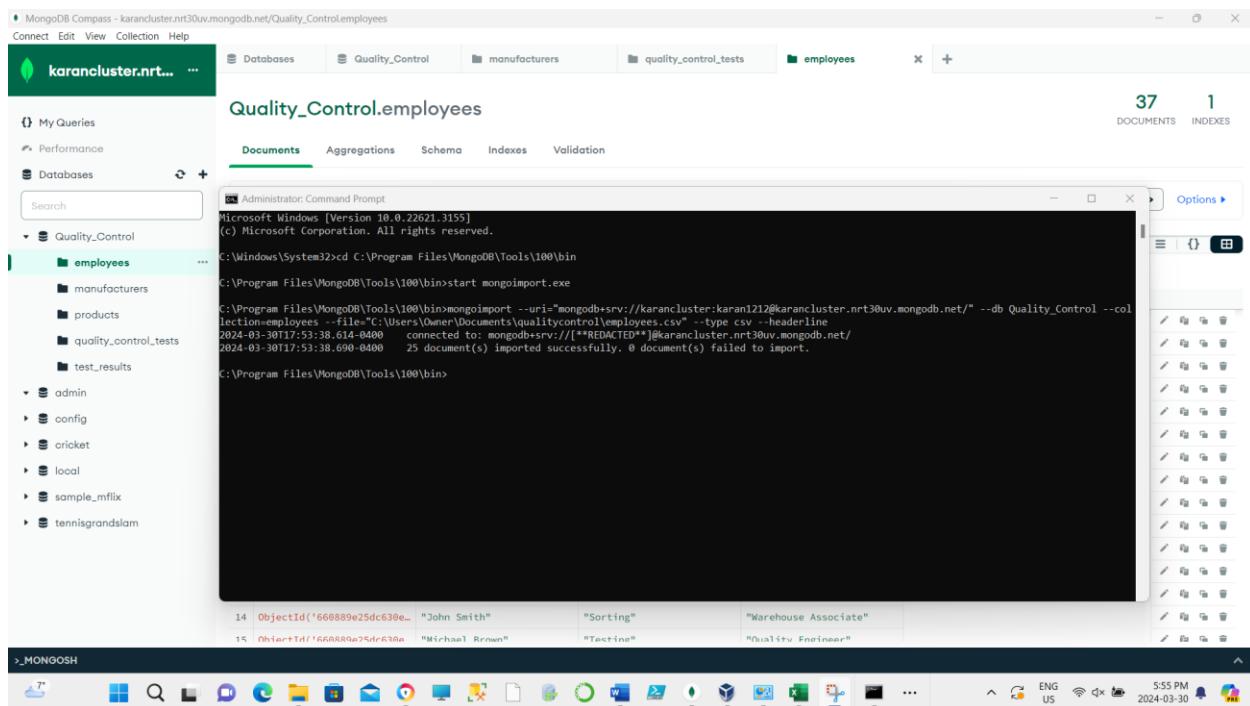


Using “db.collection.insertMany()” to insert data into collections.



The screenshot shows the MongoDB Compass interface. The top bar displays "MongoDB Compass - karanccluster.nrt30uv.mongodb.net/Quality_Control.manufacturers". The left sidebar shows databases like "Quality_Control", "manufacturers", and "employees". The main area shows the "manufacturers" collection with 0 documents and 1 index. A query log window titled "MONGOSH" shows the command: "db.employees.insertMany([{"name": "Jameson Jassie", "department": "sorting", "position": "supervisor"}, {"name": "Ryan Bash", "department": "production", "position": "warehouse associate"}])". The response indicates successful insertion with two ObjectIds: '_id': ObjectId('6602d449d580ad8b3d174b82'), '_id': ObjectId('6602d449d580ad8b3d174b83'). The status bar at the bottom right shows "Atlas atlas-5lebdz-shard-0 [primary] Quality_Control".

- Using mongoimport command to import data in mongodb from excel file



The screenshot shows the MongoDB Compass interface with a terminal window open. The terminal shows the command: "C:\Windows\System32>cd C:\Program Files\MongoDB\Tools\100\bin" followed by "C:\Program Files\MongoDB\Tools\100\bin>start mongoimport.exe". The output of the mongoimport command is displayed, showing the import of employees from a CSV file into the "employees" collection of the "Quality_Control" database. The command used was "C:\Program Files\MongoDB\Tools\100\bin>mongoimport --uri="mongodb+srv://karanccluster:karan1212@karanccluster.nrt30uv.mongodb.net/" --db Quality_Control --collection=employees --file="C:\Users\Owner\Documents\qualitycontrol\employees.csv" --type csv --headline". The output indicates 2024-03-30T17:53:38.614+0400 connected to: mongodb+srv://["REDACTED"]@karanccluster.nrt30uv.mongodb.net/. 2024-03-30T17:53:38.690+0400 25 document(s) imported successfully. 0 document(s) failed to import. The status bar at the bottom right shows "5:55 PM 2024-03-30 ENG US".

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.employees

Connect Edit View Collection Help

Databases Quality_Control manufacturers quality_control_tests employees

37 1 DOCUMENTS INDEXES

My Queries Performance Databases Search +

Quality_Control

employees manufacturers products quality_control_tests test_results admin config cricket local sample_mflix tennisgrandslam

Quality_Control.employees

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or Generate_query ↗ Explain Reset Find Options ↗

ADD DATA EXPORT DATA 1 - 20 of 37

#	employees	_id	ObjectID	name	String	department	String	position	String
1	employees	1	ObjectId('6602d449d580ad8...')	"Jameson Jassie"	"sorting"	"supervisor"			
2	employees	2	ObjectId('6602d449d580ad8...')	"Ryan Bash"	"production"	"warehouse associate"			
3	employees	3	ObjectId('660870add580ad8...')	"Rajesh"	"quality analyser"	"quality analyser"			
4	employees	4	ObjectId('660870add580ad8...')	"John"	"testing"	"quality engineer"			
5	employees	5	ObjectId('660870add580ad8...')	"Jackie Davis"	"sorting"	"warehouse associate"			
6	employees	6	ObjectId('660870add580ad8...')	"Tessa Flower"	"production"	"warehouse associate"			
7	employees	7	ObjectId('660870add580ad8...')	"Michael Peg"	"quality control"	"quality technician"			
8	employees	8	ObjectId('660870add580ad8...')	"Ryan Gartner"	"production"	"warehouse associate"			
9	employees	9	ObjectId('660870add580ad8...')	"Riley Mia"	"tester"	"quality tester"			
10	employees	10	ObjectId('660870add580ad8...')	"Michael Sam"	"Quality Control"	"Quality Assurance Enginee...			
11	employees	11	ObjectId('660870add580ad8...')	"Micheele Jessie"	"Quality Control"	"Quality Control Coordina...			
12	employees	12	ObjectId('660870add580ad8...')	"Jessie James"	"testing"	"quality assurance analys...			
13	employees	13	ObjectId('660889e25dc630e...')	"Sarah Johnson"	"Production"	"Warehouse Associate"			
14	employees	14	ObjectId('660889e25dc630e...')	"John Smith"	"Sorting"	"Warehouse Associate"			
15	employees	15	ObjectId('660889e25dc630e...')	"Michael Brown"	"Testing"	"Quality Engineer"			

> MONGOOSH

ENG US 5:56 PM 2024-03-30

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.employees

Connect Edit View Collection Help

Databases Quality_Control manufacturers quality_control_tests employees

37 1 DOCUMENTS INDEXES

My Queries Performance Databases Search +

Quality_Control

employees manufacturers products quality_control_tests test_results admin config cricket local sample_mflix tennisgrandslam

Quality_Control.employees

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or Generate_query ↗ Explain Reset Find Options ↗

ADD DATA EXPORT DATA 21 - 37 of 37

#	employees	_id	ObjectID	name	String	department	String	position	String
21	employees	21	ObjectId('660889e25dc630e...')	"Daniel Martinez"	"production"	"Warehouse Associate"			
22	employees	22	ObjectId('660889e25dc630e...')	"Ashley Anderson"	"Quality Control"	"Quality Control Coordina...			
23	employees	23	ObjectId('660889e25dc630e...')	"Matthew Thompson"	"Packing"	"Warehouse Associate"			
24	employees	24	ObjectId('660889e25dc630e...')	"James White"	"Sorting"	"Warehouse Associate"			
25	employees	25	ObjectId('660889e25dc630e...')	"Amanda Moore"	"Production"	"Quality Control Analyst"			
26	employees	26	ObjectId('660889e25dc630e...')	"Elizabeth Hall"	"Testing"	"Quality Control Technici...			
27	employees	27	ObjectId('660889e25dc630e...')	"Joshua Garcia"	"Testing"	"Quality Assurance Analyst"			
28	employees	28	ObjectId('660889e25dc630e...')	"Olivia Martinez"	"Quality Control"	"Quality Control Supervisor"			
29	employees	29	ObjectId('660889e25dc630e...')	"Ethan Jackson"	"Sorting"	"Warehouse Associate"			
30	employees	30	ObjectId('660889e25dc630e...')	"Victoria Lewis"	"Production"	"Warehouse Associate"			
31	employees	31	ObjectId('660889e25dc630e...')	"Noah Perez"	"Quality Control"	"Quality Control Speciali...			
32	employees	32	ObjectId('660889e25dc630e...')	"Samantha Taylor"	"Testing"	"Quality Tester"			
33	employees	33	ObjectId('660889e25dc630e...')	"Christopher Harris"	"Quality Control"	"Quality Assurance Enginee...			
34	employees	34	ObjectId('660889e25dc630e...')	"Madison Harris"	"Quality Control"	"Quality Control Speciali...			
35	employees	35	ObjectId('660889e25dc630e...')	"Andrew Turner"	"Testing"	"Quality Assurance Manager"			

> MONGOOSH

ENG US 5:57 PM 2024-03-30

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karancluster.nrt...
Databases Quality_Control employees +
+ Create collection Refresh View Sort by Collection Name
My Queries Performance Databases + Search
Quality_Control + employees manufacturers
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 12 105.00 B 1 36.86 kB
Storage size: Documents: Avg. document size: Indexes: Total index size:
4.10 kB 0 0 B 1 4.10 kB
>_MONGOSH
> db.employees.insertMany([
  {
    name: "Rajesh",
    department: "quality analyser",
    position: "quality analyser",
  },
  {
    name: "John",
    department: "testing",
    position: "quality engineer",
  },
  {
    name: "Jackie Davis",
    department: "sorting",
  },
])
408 PM 2024-03-30 ENG US
```

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karancluster.nrt...
Databases Quality_Control employees +
+ Create collection Refresh View Sort by Collection Name
My Queries Performance Databases + Search
Quality_Control + employees manufacturers
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 12 105.00 B 1 36.86 kB
Storage size: Documents: Avg. document size: Indexes: Total index size:
4.10 kB 0 0 B 1 4.10 kB
>_MONGOSH
{
  name: "Tessa Flower",
  department: "production",
  position: "warehouse associate",
},
{
  name: "Michael Peg",
  department: "quality control",
  position: "quality technician",
},
{
  name: "Ryan Gartner",
  department: "production",
  position: "warehouse associate",
}
410 PM 2024-03-30 ENG US
```

```

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karanchuster.nrt...
Databases Quality_Control Quality_Control > employees +
+ Create collection Refresh View Sort by Collection Name
My Queries Performance Databases Search
Quality_Control + -
employees
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 12 105.00 B 1 36.86 kB
manufacturers
Storage size: Documents: Avg. document size: Indexes: Total index size:
4.10 kB 0 0 B 1 4.10 kB
> MONGOSH
{
  name: "Riley Mia",
  department: "tester",
  position: "quality tester",
}

{
  name: "Michael Sam",
  department: "Quality Control",
  position: "Quality Assurance Engineer",
}

{
  name: "Micheele Jessie",
  department: "Quality Control",
  position: "Quality Control Coordinator",
}

```

```

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karanchuster.nrt...
Databases Quality_Control employees +
+ Create collection Refresh View Sort by Collection Name
My Queries Performance Databases Search
Quality_Control + -
employees
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 12 105.00 B 1 36.86 kB
manufacturers
Storage size: Documents: Avg. document size: Indexes: Total index size:
4.10 kB 0 0 B 1 4.10 kB
> MONOOSH
})
< {
  acknowledged: true,
  insertedIds: [
    '0': ObjectId('660870add580ad8b3d174b84'),
    '1': ObjectId('660870add580ad8b3d174b85'),
    '2': ObjectId('660870add580ad8b3d174b86'),
    '3': ObjectId('660870add580ad8b3d174b87'),
    '4': ObjectId('660870add580ad8b3d174b88'),
    '5': ObjectId('660870add580ad8b3d174b89'),
    '6': ObjectId('660870add580ad8b3d174b8a'),
    '7': ObjectId('660870add580ad8b3d174b8b'),
    '8': ObjectId('660870add580ad8b3d174b8c'),
    '9': ObjectId('660870add580ad8b3d174b8d')
  ]
}
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>

```

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.manufacturers

Connect Edit View Collection Help

Databases Quality_Control employees manufacturers

10 DOCUMENTS 1 INDEXES

My Queries Performance Databases + Search

Quality_Control.manufacturers

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate query](#)

Filter Explain Reset Find Options

_MONGOSH

```
>_MONGOSH
> db.manufacturers.insertMany([
  {
    manufacturerName: "Major Electronics",
    location: "New York",
    phone: "123-456-7890",
    email: "info@majorelectronics.com",
  },
  {
    manufacturerName: "Corpo Industries",
    location: "Los Angeles",
    phone: "456-789-0123",
    email: "contact@corpo.com",
  },
  {
    manufacturerName: "Chicago Industries",
    location: "Chicago",
  },
  {
    manufacturerName: "Laminar Technologies",
    location: "Toronto",
    phone: "234-567-8901",
    email: "support@laminar.com",
  },
  {
    manufacturerName: "DEF Enterprises",
    location: "Vancouver",
    phone: "567-890-1234",
    email: "info@defent.com",
  },
  {
    manufacturerName: "RCIT Corporation"
  }
])
```

ENG US 4:59 PM 2024-03-30

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.manufacturers

Connect Edit View Collection Help

Databases Quality_Control employees manufacturers

10 DOCUMENTS 1 INDEXES

My Queries Performance Databases + Search

Quality_Control.manufacturers

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate query](#)

Filter Explain Reset Find Options

_MONGOSH

```
>_MONGOSH
> db.manufacturers.insertMany([
  {
    manufacturerName: "Major Electronics",
    location: "New York",
    phone: "123-456-7890",
    email: "info@majorelectronics.com",
  },
  {
    manufacturerName: "Corpo Industries",
    location: "Los Angeles",
    phone: "456-789-0123",
    email: "contact@corpo.com",
  },
  {
    manufacturerName: "Chicago Industries",
    location: "Chicago",
  },
  {
    manufacturerName: "Laminar Technologies",
    location: "Toronto",
    phone: "234-567-8901",
    email: "support@laminar.com",
  },
  {
    manufacturerName: "DEF Enterprises",
    location: "Vancouver",
    phone: "567-890-1234",
    email: "info@defent.com",
  },
  {
    manufacturerName: "RCIT Corporation"
  }
])
```

ENG US 4:59 PM 2024-03-30

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.manufacturers

Connect Edit View Collection Help

Databases Quality_Control employees manufacturers

10 DOCUMENTS 1 INDEXES

My Queries Performance Databases + Search

Quality_Control.manufacturers

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate query](#)

Filter Explain Reset Find Options

```
>_MONGOSH
},
)
< {
  acknowledged: true,
  insertedIds: [
    '0': ObjectId('66087cfcd580ad8b3d174b8e'),
    '1': ObjectId('66087cfcd580ad8b3d174b8f'),
    '2': ObjectId('66087cfcd580ad8b3d174b90'),
    '3': ObjectId('66087cfcd580ad8b3d174b91'),
    '4': ObjectId('66087cfcd580ad8b3d174b92'),
    '5': ObjectId('66087cfcd580ad8b3d174b93'),
    '6': ObjectId('66087cfcd580ad8b3d174b94'),
    '7': ObjectId('66087cfcd580ad8b3d174b95'),
    '8': ObjectId('66087cfcd580ad8b3d174b96'),
    '9': ObjectId('66087cfcd580ad8b3d174b97')
  ]
}
}
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control
```

ENG US 4:59 PM 2024-03-30

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.manufacturers

Connect Edit View Collection Help

Databases Quality_Control employees manufacturers

10 DOCUMENTS 1 INDEXES

My Queries Performance Databases + Search

Quality_Control.manufacturers

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate query](#)

[ADD DATA](#) [EXPORT DATA](#)

#	manufacturers	_id	manufacturerName	location	phone	email
1	ObjectID('66087cfcd580ad8b3d174b8e')	"Major Electronics"	"New York"	"123-456-7890"	"info@maurelectronics.com"	
2	ObjectID('66087cfcd580ad8b3d174b8f')	"Corpo Industries"	"Los Angeles"	"456-789-0123"	"contact@corpo.com"	
3	ObjectID('66087cfcd580ad8b3d174b90')	"Chicago Industries"	"Chicago"	"789-012-3456"	"support@chicagoindus.com"	
4	ObjectID('66087cfcd580ad8b3d174b91')	"Laminar Technologies"	"Toronto"	"234-567-8901"	"support@laminar.com"	
5	ObjectID('66087cfcd580ad8b3d174b92')	"DEF Enterprises"	"Vancouver"	"567-890-1234"	"info@defent.com"	
6	ObjectID('66087cfcd580ad8b3d174b93')	"GHI Corporation"	"Calgary"	"890-123-4567"	"contact@ghicorp.com"	
7	ObjectID('66087cfcd580ad8b3d174b94')	"JKL Solutions"	"Michigan"	"345-678-9812"	"info@jksolutions.com"	
8	ObjectID('66087cfcd580ad8b3d174b95')	"Jess Electronics"	"San Francisco"	"678-901-2345"	"sales@jesselec.com"	
9	ObjectID('66087cfcd580ad8b3d174b96')	"MNO Systems"	"Toronto"	"901-234-5678"	"support@mnosystems.com"	
10	ObjectID('66087cfcd580ad8b3d174b97')	"Hudsonelectronics"	"Miami"	"012-345-6789"	"sales@hdelectronics.com"	

1 - 10 of 10

>_MONGOSH

ENG US 5:58 PM 2024-03-30

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karancluster.nrt...
Databases Quality_Control employees manufacturers +
products
Storage size: Documents: Avg. document size: Indexes: Total index size:
8.19 kB 10 216.00 B 1 36.86 kB
quality_control_tests
Storage size: Documents: Avg. document size: Indexes: Total index size:
4.10 kB 0 0 B 1 4.10 kB
test_results
>_MONGOSH
}
> db.products.insertMany([
{
productname:"Smartwatch",
description:"Fitness tracker with heart rate monitoring",
manufacturer_name:"Major Electronics",
manufacturing_date:"2023-05-15",
expiry_date:"2025-05-15",
},
{
productname:"Power Blender",
description:"High-performance blender for smoothies",
manufacturer_name:"Corpo Industries",
manufacturing_date:"2023-07-20",
expiry_date:"2025-07-20"
])
5:28 PM 2024-03-30 ENG US 5:28 PM 2024-03-30
```

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karancluster.nrt...
Databases Quality_Control employees manufacturers +
products
Storage size: Documents: Avg. document size: Indexes: Total index size:
8.19 kB 10 216.00 B 1 36.86 kB
quality_control_tests
Storage size: Documents: Avg. document size: Indexes: Total index size:
4.10 kB 0 0 B 1 4.10 kB
test_results
>_MONOOSH
manufacturing_date: "2023-06-10",
expiry_date:"2025-06-10",
},
{
productname:"Safety Helmet",
description:"Protective helmet for construction workers",
manufacturer_name:"Laminar Technologies",
manufacturing_date:"2023-08-30",
expiry_date:"2025-08-30",
},
{
productname:"Wireless Earbuds",
description:"Bluetooth earbuds with noise cancellation",
manufacturing_date:"2023-10-15",
expiry_date:"2025-10-15"
])
5:28 PM 2024-03-30 ENG US 5:28 PM 2024-03-30
```

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control

Connect Edit View Help

Databases Quality_Control employees manufacturers +

products

Storage size: 8.19 kB Documents: 10 Avg. document size: 216.00 B Indexes: 1 Total index size: 36.86 kB

quality_control_tests

Storage size: 4.10 kB Documents: 0 Avg. document size: 0 B Indexes: 1 Total index size: 4.10 kB

test_results

```
_MONGOSH
})
< {
  acknowledged: true,
  insertedIds: [
    '0': ObjectId('660883d3d580ad8b3d174b98'),
    '1': ObjectId('660883d3d580ad8b3d174b99'),
    '2': ObjectId('660883d3d580ad8b3d174b9a'),
    '3': ObjectId('660883d3d580ad8b3d174b9b'),
    '4': ObjectId('660883d3d580ad8b3d174b9c'),
    '5': ObjectId('660883d3d580ad8b3d174b9d'),
    '6': ObjectId('660883d3d580ad8b3d174b9e'),
    '7': ObjectId('660883d3d580ad8b3d174b9f'),
    '8': ObjectId('660883d3d580ad8b3d174ba0'),
    '9': ObjectId('660883d3d580ad8b3d174ba1')
  ]
}
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>
```

ENG US 5:34 PM 2024-03-30

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.products

Connect Edit View Collection Help

Databases Quality_Control manufacturers products +

10 1 DOCUMENTS INDEXES

Quality_Control.products

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or Generate query ↗ Explain Reset Find Options ↗

ADD DATA EXPORT DATA 1 - 10 of 10

products												
	_id	ObjectID	productname	String	description	String	manufacturer_name	String	manufacturing_date	String	expiry_date	String
1	ObjectId('660883d3d580ad8b3d174b98')	"Smartwatch"	"Fitness tracker with heart rate monitor."	"Major Electronics"	"2023-05-15"	"2025-05-15"						
2	ObjectId('660883d3d580ad8b3d174b99')	"Power Blender"	"High-performance blender with 1000W motor."	"Corp Industries"	"2023-07-20"	"2025-07-20"						
3	ObjectId('660883d3d580ad8b3d174b9a')	"Professional Drill"	"Cordless drill for DIY enthusiasts."	"Chicago Industries"	"2023-06-10"	"2025-06-10"						
4	ObjectId('660883d3d580ad8b3d174b9b')	"Safety Helmet"	"Protective helmet for construction workers."	"Laminar Technologies"	"2023-08-30"	"2025-08-30"						
5	ObjectId('660883d3d580ad8b3d174b9c')	"Wireless Earbuds"	"Bluetooth earbuds with active noise cancellation."	"DEF Enterprises"	"2023-09-25"	"2025-09-25"						
6	ObjectId('660883d3d580ad8b3d174b9d')	"High-Pressure Washer"	"Pressure washer for outdoor cleaning."	"GHI Corporation"	"2023-10-12"	"2025-10-12"						
7	ObjectId('660883d3d580ad8b3d174b9e')	"UltraPro Blender"	"JKL Solutions"	"Professional-grade blender with 1500W motor."	"2023-07-20"	"2025-07-20"						
8	ObjectId('660883d3d580ad8b3d174b9f')	"Portable Speaker"	"Portable speaker with built-in microphone."	"Jess Electronics"	"2023-03-18"	"2025-03-18"						
9	ObjectId('660883d3d580ad8b3d174ba0')	"Chef's Choice Pot"	"Premium-quality pot for cooking delicious meals."	"MNO Systems"	"2023-11-08"	"2024-11-08"						
10	ObjectId('660883d3d580ad8b3d174ba1')	"Gaming Laptop"	"High-performance laptop with 16GB RAM."	"Hudsonelectronics"	"2023-05-15"	"2024-05-15"						

_MONGOSH

ENG US 5:59 PM 2024-03-30

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karanchuster.nrt... ...
Quality_Control x manufacturers products +
20.48 kB 10 216.00 B 1 24.58 kB

My Queries
Performance
Databases + Search
Quality_Control + ...
employees
manufacturers
products
_MONGOSH
> typeerror! db.quality_control_tests is not a function
> db.quality_control_tests.insertMany([
  {
    test_name:"Durability Test",
    description:"Test the product's durability under stress",
    equipment_used:"Durability Testing Machine",
    test_procedure:"Apply increasing pressure until failure occurs",
  },
  {
    test_name:"Accuracy Test",
    description:"Test the accuracy of measurement",
    equipment_used:"Precision Scale",
    test_procedure:"Measure the deviation from the standard value",
  },
])
8% 90% 100% 110% 120% 130% 140% 150% 160% 170% 180% 190% 200% 210% 220% 230% 240% 250% 260% 270% 280% 290% 300% 310% 320% 330% 340% 350% 360% 370% 380% 390% 400% 410% 420% 430% 440% 450% 460% 470% 480% 490% 500% 510% 520% 530% 540% 550% 560% 570% 580% 590% 600% 610% 620% 630% 640% 650% 660% 670% 680% 690% 700% 710% 720% 730% 740% 750% 760% 770% 780% 790% 800% 810% 820% 830% 840% 850% 860% 870% 880% 890% 900% 910% 920% 930% 940% 950% 960% 970% 980% 990% 1000% 1010% 1020% 1030% 1040% 1050% 1060% 1070% 1080% 1090% 1100% 1110% 1120% 1130% 1140% 1150% 1160% 1170% 1180% 1190% 1200% 1210% 1220% 1230% 1240% 1250% 1260% 1270% 1280% 1290% 1300% 1310% 1320% 1330% 1340% 1350% 1360% 1370% 1380% 1390% 1400% 1410% 1420% 1430% 1440% 1450% 1460% 1470% 1480% 1490% 1500% 1510% 1520% 1530% 1540% 1550% 1560% 1570% 1580% 1590% 1600% 1610% 1620% 1630% 1640% 1650% 1660% 1670% 1680% 1690% 1700% 1710% 1720% 1730% 1740% 1750% 1760% 1770% 1780% 1790% 1800% 1810% 1820% 1830% 1840% 1850% 1860% 1870% 1880% 1890% 1900% 1910% 1920% 1930% 1940% 1950% 1960% 1970% 1980% 1990% 2000% 2010% 2020% 2030% 2040% 2050% 2060% 2070% 2080% 2090% 2100% 2110% 2120% 2130% 2140% 2150% 2160% 2170% 2180% 2190% 2200% 2210% 2220% 2230% 2240% 2250% 2260% 2270% 2280% 2290% 2300% 2310% 2320% 2330% 2340% 2350% 2360% 2370% 2380% 2390% 2400% 2410% 2420% 2430% 2440% 2450% 2460% 2470% 2480% 2490% 2500% 2510% 2520% 2530% 2540% 2550% 2560% 2570% 2580% 2590% 2600% 2610% 2620% 2630% 2640% 2650% 2660% 2670% 2680% 2690% 2700% 2710% 2720% 2730% 2740% 2750% 2760% 2770% 2780% 2790% 2800% 2810% 2820% 2830% 2840% 2850% 2860% 2870% 2880% 2890% 2900% 2910% 2920% 2930% 2940% 2950% 2960% 2970% 2980% 2990% 3000% 3010% 3020% 3030% 3040% 3050% 3060% 3070% 3080% 3090% 3100% 3110% 3120% 3130% 3140% 3150% 3160% 3170% 3180% 3190% 3200% 3210% 3220% 3230% 3240% 3250% 3260% 3270% 3280% 3290% 3300% 3310% 3320% 3330% 3340% 3350% 3360% 3370% 3380% 3390% 3400% 3410% 3420% 3430% 3440% 3450% 3460% 3470% 3480% 3490% 3500% 3510% 3520% 3530% 3540% 3550% 3560% 3570% 3580% 3590% 3600% 3610% 3620% 3630% 3640% 3650% 3660% 3670% 3680% 3690% 3700% 3710% 3720% 3730% 3740% 3750% 3760% 3770% 3780% 3790% 3800% 3810% 3820% 3830% 3840% 3850% 3860% 3870% 3880% 3890% 3900% 3910% 3920% 3930% 3940% 3950% 3960% 3970% 3980% 3990% 4000% 4010% 4020% 4030% 4040% 4050% 4060% 4070% 4080% 4090% 4100% 4110% 4120% 4130% 4140% 4150% 4160% 4170% 4180% 4190% 4200% 4210% 4220% 4230% 4240% 4250% 4260% 4270% 4280% 4290% 4300% 4310% 4320% 4330% 4340% 4350% 4360% 4370% 4380% 4390% 4400% 4410% 4420% 4430% 4440% 4450% 4460% 4470% 4480% 4490% 4500% 4510% 4520% 4530% 4540% 4550% 4560% 4570% 4580% 4590% 4600% 4610% 4620% 4630% 4640% 4650% 4660% 4670% 4680% 4690% 4700% 4710% 4720% 4730% 4740% 4750% 4760% 4770% 4780% 4790% 4800% 4810% 4820% 4830% 4840% 4850% 4860% 4870% 4880% 4890% 4900% 4910% 4920% 4930% 4940% 4950% 4960% 4970% 4980% 4990% 5000% 5010% 5020% 5030% 5040% 5050% 5060% 5070% 5080% 5090% 5100% 5110% 5120% 5130% 5140% 5150% 5160% 5170% 5180% 5190% 5200% 5210% 5220% 5230% 5240% 5250% 5260% 5270% 5280% 5290% 5300% 5310% 5320% 5330% 5340% 5350% 5360% 5370% 5380% 5390% 5400% 5410% 5420% 5430% 5440% 5450% 5460% 5470% 5480% 5490% 5500% 5510% 5520% 5530% 5540% 5550% 5560% 5570% 5580% 5590% 5600% 5610% 5620% 5630% 5640% 5650% 5660% 5670% 5680% 5690% 5700% 5710% 5720% 5730% 5740% 5750% 5760% 5770% 5780% 5790% 5800% 5810% 5820% 5830% 5840% 5850% 5860% 5870% 5880% 5890% 5900% 5910% 5920% 5930% 5940% 5950% 5960% 5970% 5980% 5990% 6000% 6010% 6020% 6030% 6040% 6050% 6060% 6070% 6080% 6090% 6100% 6110% 6120% 6130% 6140% 6150% 6160% 6170% 6180% 6190% 6200% 6210% 6220% 6230% 6240% 6250% 6260% 6270% 6280% 6290% 6300% 6310% 6320% 6330% 6340% 6350% 6360% 6370% 6380% 6390% 6400% 6410% 6420% 6430% 6440% 6450% 6460% 6470% 6480% 6490% 6500% 6510% 6520% 6530% 6540% 6550% 6560% 6570% 6580% 6590% 6600% 6610% 6620% 6630% 6640% 6650% 6660% 6670% 6680% 6690% 6700% 6710% 6720% 6730% 6740% 6750% 6760% 6770% 6780% 6790% 6800% 6810% 6820% 6830% 6840% 6850% 6860% 6870% 6880% 6890% 6900% 6910% 6920% 6930% 6940% 6950% 6960% 6970% 6980% 6990% 7000% 7010% 7020% 7030% 7040% 7050% 7060% 7070% 7080% 7090% 7100% 7110% 7120% 7130% 7140% 7150% 7160% 7170% 7180% 7190% 7200% 7210% 7220% 7230% 7240% 7250% 7260% 7270% 7280% 7290% 7300% 7310% 7320% 7330% 7340% 7350% 7360% 7370% 7380% 7390% 7400% 7410% 7420% 7430% 7440% 7450% 7460% 7470% 7480% 7490% 7500% 7510% 7520% 7530% 7540% 7550% 7560% 7570% 7580% 7590% 7600% 7610% 7620% 7630% 7640% 7650% 7660% 7670% 7680% 7690% 7700% 7710% 7720% 7730% 7740% 7750% 7760% 7770% 7780% 7790% 7800% 7810% 7820% 7830% 7840% 7850% 7860% 7870% 7880% 7890% 7900% 7910% 7920% 7930% 7940% 7950% 7960% 7970% 7980% 7990% 8000% 8010% 8020% 8030% 8040% 8050% 8060% 8070% 8080% 8090% 8100% 8110% 8120% 8130% 8140% 8150% 8160% 8170% 8180% 8190% 8200% 8210% 8220% 8230% 8240% 8250% 8260% 8270% 8280% 8290% 8300% 8310% 8320% 8330% 8340% 8350% 8360% 8370% 8380% 8390% 8400% 8410% 8420% 8430% 8440% 8450% 8460% 8470% 8480% 8490% 8500% 8510% 8520% 8530% 8540% 8550% 8560% 8570% 8580% 8590% 8600% 8610% 8620% 8630% 8640% 8650% 8660% 8670% 8680% 8690% 8700% 8710% 8720% 8730% 8740% 8750% 8760% 8770% 8780% 8790% 8800% 8810% 8820% 8830% 8840% 8850% 8860% 8870% 8880% 8890% 8900% 8910% 8920% 8930% 8940% 8950% 8960% 8970% 8980% 8990% 9000% 9010% 9020% 9030% 9040% 9050% 9060% 9070% 9080% 9090% 9100% 9110% 9120% 9130% 9140% 9150% 9160% 9170% 9180% 9190% 9200% 9210% 9220% 9230% 9240% 9250% 9260% 9270% 9280% 9290% 9300% 9310% 9320% 9330% 9340% 9350% 9360% 9370% 9380% 9390% 9400% 9410% 9420% 9430% 9440% 9450% 9460% 9470% 9480% 9490% 9500% 9510% 9520% 9530% 9540% 9550% 9560% 9570% 9580% 9590% 9600% 9610% 9620% 9630% 9640% 9650% 9660% 9670% 9680% 9690% 9700% 9710% 9720% 9730% 9740% 9750% 9760% 9770% 9780% 9790% 9800% 9810% 9820% 9830% 9840% 9850% 9860% 9870% 9880% 9890% 9900% 9910% 9920% 9930% 9940% 9950% 9960% 9970% 9980% 9990% 10000%
```

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karanchuster.nrt... ...
Quality_Control x manufacturers products +
20.48 kB 10 216.00 B 1 24.58 kB

My Queries
Performance
Databases + Search
Quality_Control + ...
employees
manufacturers
products
_MONGOSH
> test_name:"Temperature Test",
description:"Test the product's performance under heat",
equipment_used:"Temperature Chamber",
test_procedure:"Expose the product to high temperatures and monitor response",
)
8% 90% 100% 110% 120% 130% 140% 150% 160% 170% 180% 190% 200% 210% 220% 230% 240% 250% 260% 270% 280% 290% 300% 310% 320% 330% 340% 350% 360% 370% 380% 390% 400% 410% 420% 430% 440% 450% 460% 470% 480% 490% 500% 510% 520% 530% 540% 550% 560% 570% 580% 590% 600% 610% 620% 630% 640% 650% 660% 670% 680% 690% 700% 710% 720% 730% 740% 750% 760% 770% 780% 790% 800% 810% 820% 830% 840% 850% 860% 870% 880% 890% 900% 910% 920% 930% 940% 950% 960% 970% 980% 990% 1000%
```

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control

Connect Edit View Help

karancluster.nrt... ...

Quality_Control manufacturers products

+ Create collection Refresh

View Sort by Collection Name

employees

Storage size: 20.48 kB Documents: 37 Avg. document size: 107.00 B Indexes: 1 Total index size: 36.86 kB

manufacturers

Storage size: 20.48 kB Documents: 10 Avg. document size: 139.00 B Indexes: 1 Total index size: 20.48 kB

_MONGOSH

```

{
  acknowledged: true,
  insertedIds: [
    '0': ObjectId('6608a8ead580ad8b3d174ba2'),
    '1': ObjectId('6608a8ead580ad8b3d174ba3'),
    '2': ObjectId('6608a8ead580ad8b3d174ba4'),
    '3': ObjectId('6608a8ead580ad8b3d174ba5'),
    '4': ObjectId('6608a8ead580ad8b3d174ba6'),
    '5': ObjectId('6608a8ead580ad8b3d174ba7'),
    '6': ObjectId('6608a8ead580ad8b3d174ba8'),
    '7': ObjectId('6608a8ead580ad8b3d174ba9'),
    '8': ObjectId('6608a8ead580ad8b3d174baa'),
    '9': ObjectId('6608a8ead580ad8b3d174bab')
  ]
}
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>

```

ENG US 8:07 PM 2024-03-30

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control.quality_control_tests

Connect Edit View Collection Help

karancluster.nrt... ...

Quality_Control manufacturers products quality_control_tests

10 1 DOCUMENTS INDEXES

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or Generate_query

Find Explain Reset Options

ADD DATA EXPORT DATA 1 - 10 of 10

quality_control_tests

_id	Objectid	test_name	String	description	String	equipment_used	String	test_procedure	String
1	ObjectId('6608a8ead580ad8b3d174ba2')	"Durability Test"	"Test the product's durability."	"Durability Testing Machine"	"Apply increasing pressure to the product."				
2	ObjectId('6608a8ead580ad8b3d174ba3')	"Accuracy Test"	"Test the accuracy of measurements."	"Precision Scale"	"Measure the deviation from the expected value."				
3	ObjectId('6608a8ead580ad8b3d174ba4')	"Temperature Test"	"Test the product's performance at different temperatures."	"Temperature Chamber"	"Expose the product to high temperatures."				
4	ObjectId('6608a8ead580ad8b3d174ba5')	"Drop Test"	"Test product resilience to drops."	"Drop Testing Apparatus"	"Drop the product from various heights."				
5	ObjectId('6608a8ead580ad8b3d174ba6')	"Moisture Test"	"Test the product's resistance to moisture."	"Moisture Meter"	"Expose the product to humidity."				
6	ObjectId('6608a8ead580ad8b3d174ba7')	"Tensile Strength Test"	"Test product's resistance to pulling apart."	"Tensile Testing Machine"	"Apply force gradually until the product breaks."				
7	ObjectId('6608a8ead580ad8b3d174ba8')	"Chemical Analysis"	"Test product's chemical composition."	"Spectrophotometer"	"Analyze the chemical composition of the product."				
8	ObjectId('6608a8ead580ad8b3d174ba9')	"Corrosion Test"	"Test the product's resistance to corrosion."	"Corrosion Testing Chamber"	"Expose the product to corrosive environments."				
9	ObjectId('6608a8ead580ad8b3d174bab')	"Vibration Test"	"Test product's resistance to vibration."	"Vibration Testing Equipment"	"Subject the product to vibrations."				
10	ObjectId('6608a8ead580ad8b3d174bab')	"Leakage Test"	"Test product's sealing effectiveness."	"Leakage Testing Machine"	"Apply pressure to the product."				

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ENG US 8:07 PM 2024-03-30

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karanchuster.nrt...
Quality_Control manufacturers products quality_control_tests ...
+ Create collection Refresh
View Sort by Collection Name
My Queries Performance Databases Search
+ Quality_Control + 
employees
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 37 107.00 B 1 36.86 kB
manufacturers
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 10 139.00 B 1 20.48 kB
>_MONGOSH
}
> db.test_results.insertMany([
{
product_id:"101",
test_id:"201",
tester_name:"John",
test_date:"2024-03-01",
test_result:"Pass",
remarks:"Product passed all quality tests without issues.",

},
{
product_id:"102",
test_id:"202",
],
809 PM 2024-03-30 ENG US

```

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karanchuster.nrt...
Quality_Control manufacturers products quality_control_tests ...
+ Create collection Refresh
View Sort by Collection Name
My Queries Performance Databases Search
+ Quality_Control + 
employees
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 37 107.00 B 1 36.86 kB
manufacturers
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 10 139.00 B 1 20.48 kB
>_MONGOSH
}
> db.test_results.insertMany([
{
product_id:"103",
test_id:"203",
tester_name:"David Wilson",
test_date:"2024-03-02",
test_result:"Fail",
remarks:"The product failed due to a malfunctioning component.",

},
{
product_id:"104",
test_id:"204",
tester_name:"Ashley Anderson",
test_date:"2024-03-03",
test_result:"Pass",
],
809 PM 2024-03-30 ENG US

```

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karancluster.nrt...

My Queries Performance Databases Search Quality_Control test_results

Quality_Control.test_results

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate query](#)

[ADD DATA](#) [EXPORT DATA](#)

1 - 10 of 10

#	_id	product_id	test_id	tester_name	test_date	test_result
1	ObjectId('6608a9b0d580ad8...')	"101"	"201"	"John"	"2024-03-01"	"Pass"
2	ObjectId('6608a9b0d580ad8...')	"102"	"202"	"Robert Miller"	"2024-03-07"	"Pass"
3	ObjectId('6608a9b0d580ad8...')	"103"	"203"	"David Wilson"	"2024-03-02"	"Fail"
4	ObjectId('6608a9b0d580ad8...')	"104"	"204"	"Ashley Anderson"	"2024-03-03"	"Pass"
5	ObjectId('6608a9b0d580ad8...')	"105"	"205"	"Olivia Martinez"	"2024-03-04"	"Pass"
6	ObjectId('6608a9b0d580ad8...')	"106"	"206"	"Noah Perez"	"2024-03-05"	"Fail"
7	ObjectId('6608a9b0d580ad8...')	"107"	"207"	"Madison Harris"	"2024-03-06"	"Pass"
8	ObjectId('6608a9b0d580ad8...')	"108"	"208"	"Andrew Turner"	"2024-03-07"	"Pass"
9	ObjectId('6608a9b0d580ad8...')	"109"	"209"	"William Rodriguez"	"2024-03-08"	"Fail"
10	ObjectId('6608a9b0d580ad8...')	"1010"	"2010"	"Michael Brown"	"2024-03-04"	"Pass"

>_MONGOSH

ENG US 814 PM 2024-03-30

Update Database

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karancluster.nrt...

My Queries Performance Databases Search Quality_Control test_results

Quality_Control.test_results

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate query](#)

[ADD DATA](#) [EXPORT DATA](#)

1 - 10 of 10

#	_id	product_id	test_id	tester_name	test_date	test_result
1	ObjectId('6608a9b0d580ad8...')	"101"	"201"	"John"	"2024-03-01"	"Pass"
2	ObjectId('6608a9b0d580ad8...')	"102"	"202"	"Robert Miller"	"2024-03-07"	"Pass"
3	ObjectId('6608a9b0d580ad8...')	"103"	"203"	"David Wilson"	"2024-03-02"	"Fail"
4	ObjectId('6608a9b0d580ad8...')	"104"	"204"	"Ashley Anderson"	"2024-03-03"	"Pass"
5	ObjectId('6608a9b0d580ad8...')	"105"	"205"	"Olivia Martinez"	"2024-03-04"	"Pass"
6	ObjectId('6608a9b0d580ad8...')	"106"	"206"	"Noah Perez"	"2024-03-05"	"Fail"
7	ObjectId('6608a9b0d580ad8...')	"107"	"207"	"Madison Harris"	"2024-03-06"	"Pass"
8	ObjectId('6608a9b0d580ad8...')	"108"	"208"	"Andrew Turner"	"2024-03-07"	"Pass"
9	ObjectId('6608a9b0d580ad8...')	"109"	"209"	"William Rodriguez"	"2024-03-08"	"Fail"
10	ObjectId('6608a9b0d580ad8...')	"1010"	"2010"	"Michael Brown"	"2024-03-04"	"Pass"

>_MONGOSH

ENG US 814 PM 2024-03-30

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karanchuster.nrt...
Quality_Control manufacturers products quality_control_tests test_results ...
+ Create collection Refresh
View Sort by Collection Name
My Queries Performance Databases Search
+ Quality_Control + employees manufacturers
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 37 107.00 B 1 36.86 kB
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 10 139.00 B 1 20.48 kB
>_MONGOSH
{
  "product_id": "106",
  "$set: { "test_result": "Pass" }
}
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}
Atlas atlas=5lebdz-shard-0 [primary] Quality_Control>
db.test_results.updateOne(
  { "product_id": "106", "test_id": "206" },
  { $set: { "test_result": "Pass", "remarks": "Product passed all quality tests without issues." } }
)
8:31 PM 2024-03-30 ENG US
```

Using “db.test_results.updateOne()” to update a single document in a collection.

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control
Connect Edit View Help
karanchuster.nrt...
Quality_Control manufacturers products quality_control_tests test_results ...
+ Create collection Refresh
View Sort by Collection Name
My Queries Performance Databases Search
+ Quality_Control + employees manufacturers
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 37 107.00 B 1 36.86 kB
Storage size: Documents: Avg. document size: Indexes: Total index size:
20.48 kB 10 139.00 B 1 20.48 kB
>_MONGOSH
modifiedCount: 0,
upsertedCount: 0
}

db.test_results.updateOne(
  { "product_id": "106", "test_id": "206" },
  { $set: { "test_result": "Pass", "remarks": "Product passed all quality tests without issues." } }
)
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas=5lebdz-shard-0 [primary] Quality_Control>
8:31 PM 2024-03-30 ENG US
```

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karanchuster.nrt... ...

My Queries Performance Databases Search

Quality_Control test_results

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or [Generate query](#):

[ADD DATA](#) [EXPORT DATA](#)

1 - 10 of 10

10 DOCUMENTS 1 INDEXES

Explain Reset Find Options

test_results _id: ObjectId('6608a9b0d580ad8b3d174bb1')
product_id: "105"
test_id: "205"
tester_name: "Olivia Martinez"
test_date: "2024-03-04"
test_result: "Pass"
remarks: "Product meets quality standards."

test_results _id: ObjectId('6608a9b0d580ad8b3d174bb1')
product_id: "106"
test_id: "206"
tester_name: "Noah Perez"
test_date: "2024-03-05"
test_result: "Pass"
remarks: "Product passed all quality tests without issues."

test_results _id: ObjectId('6608a9b0d580ad8b3d174bb2')
product_id: "107"
test_id: "207"
tester_name: "Madison Harris"
test_date: "2024-03-06"

> MONGOSH

ENG US 8:32 PM 2024-03-30

Using “db.collection.updateMany()” command to update multiple documents.

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karanchuster.nrt... ...

My Queries Performance Databases Search

Quality_Control test_results

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or [Generate query](#):

[ADD DATA](#) [EXPORT DATA](#)

1 - 14 of 14

14 DOCUMENTS 1 INDEXES

Explain Reset Find Options

#	test_results	_id	product_id	test_id	tester_name	test_date	test_result
1	ObjectId('6608a9b0d580ad8...')	"101"	"201"	"John"	"2024-03-01"	"Pass"	
2	ObjectId('6608a9b0d580ad8...')	"102"	"202"	"Robert Miller"	"2024-03-07"	"Pass"	
3	ObjectId('6608a9b0d580ad8...')	"103"	"203"	"David Wilson"	"2024-03-02"	"Fail"	
4	ObjectId('6608a9b0d580ad8...')	"104"	"204"	"Ashley Anderson"	"2024-03-03"	"Pass"	
5	ObjectId('6608a9b0d580ad8...')	"105"	"205"	"Olivia Martinez"	"2024-03-04"	"Pass"	
6	ObjectId('6608a9b0d580ad8...')	"106"	"206"	"Noah Perez"	"2024-03-05"	"Pass"	
7	ObjectId('6608a9b0d580ad8...')	"107"	"207"	"Madison Harris"	"2024-03-06"	"Pass"	
8	ObjectId('6608a9b0d580ad8...')	"108"	"208"	"Andrew Turner"	"2024-03-07"	"Pass"	
9	ObjectId('6608a9b0d580ad8...')	"109"	"209"	"William Rodriguez"	"2024-03-08"	"Fail"	
10	ObjectId('6608aae7d580ad8...')	"1010"	"2010"	"Michael Brown"	"2024-03-04"	"Pass"	
11	ObjectId('6608b086d580ad8...')	"1011"	"2011"	"John"	"2024-03-01"	"Pass"	
12	ObjectId('6608b086d580ad8...')	"1012"	"2012"	"Robert Miller"	"2024-03-07"	"Pass"	
13	ObjectId('6608b086d580ad8...')	"10113"	"2013"	"David Wilson"	"2024-03-02"	"Fail"	
14	ObjectId('6608b086d580ad8...')	"1014"	"2014"	"Ashley Anderson"	"2024-03-03"	"Pass"	

> MONGOSH

ENG US 8:39 PM 2024-03-30

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control

Connect Edit View Help

karandcluster.nrt... ...

My Queries Performance Databases Search Quality_Control +

+ Create collection Refresh View Sort by Collection Name

employees

Storage size: 20.48 kB Documents: 37 Avg. document size: 107.00 B Indexes: 1 Total index size: 36.86 kB

manufacturers

Storage size: 20.48 kB Documents: 10 Avg. document size: 139.00 B Indexes: 1 Total index size: 20.48 kB

> MONGOSH

```
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>
db.test_results.updateMany(
  { "product_id": "10113", "test_id": "2013" },
  { $set: { "test_result": "Pass", "remarks": "Product meets all quality tests without issues." } },

  { "product_id": "1014", "test_id": "2014" },
  { $set: { "test_result": "Fail", "remarks": "Manufacturing issues were detected" } },

  { "product_id": "102", "test_id": "202" },
  { $set: { "test_result": "Failed", "remarks": "Damaged Goods Detected" } },

  { "product_id": "103", "test_id": "203" },
  { $set: { "test_result": "Pass", "remarks": "Product passed all quality tests without issues." } }

)
```

ENG US 8:50 PM 2024-03-30

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karandcluster.nrt... ...

My Queries Performance Databases Search Quality_Control +

14 DOCUMENTS 1 INDEXES

Quality_Control.test_results

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or Generate_query ↗ Explain Reset Find Options ↗

ADD DATA EXPORT DATA 1-14 of 14

	_id ObjectId	product_id String	test_id String	tester_name String	test_date String	test_result :
*	test_results					

> MONGOSH

```
{ "product_id": "103", "test_id": "203" },
{ $set: { "test_result": "Pass", "remarks": "Product passed all quality tests without issues." } } )
```

✖ Error: Can't run another evaluation while the previous is not finished

```
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}

Atlas atlas-5lebdz-shard-0 [primary] Quality_Control> db.test_results.update(
  { "test_id": { $in: ["2013", "2014", "202", "203"] } },
  { $set: { "test_result": "Pass" } },
  { multi: true }
)
```

ENG US 4:42 AM 2024-04-01

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karandcluster.nrt...

My Queries Performance Databases

Search

Quality_Control

manufacturers products quality_control_tests test_results

14 DOCUMENTS 1 INDEXES

Quality_Control.test_results

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or Generate_query +

ADD DATA EXPORT DATA

1 - 14 of 14 Explain Reset Find Options

#	test_results	_id	product_id	test_id	tester_name	test_date	test_result
1		ObjectId("6608a9b0d580ad8...")	"101"	"201"	"John"	"2024-03-01"	"Pass"
2		ObjectId("6608a9b0d580ad8...")	"102"	"202"	"Robert Miller"	"2024-03-07"	"Pass"
3		ObjectId("6608a9b0d580ad8...")	"103"	"203"	"David Wilson"	"2024-03-02"	"Pass"
4		ObjectId("6608a9b0d580ad8...")	"104"	"204"	"Ashley Anderson"	"2024-03-03"	"Pass"
5		ObjectId("6608a9b0d580ad8...")	"105"	"205"	"Olivia Martinez"	"2024-03-04"	"Pass"
6		ObjectId("6608a9b0d580ad8...")	"106"	"206"	"Noah Perez"	"2024-03-05"	"Pass"
7		ObjectId("6608a9b0d580ad8...")	"107"	"207"	"Madison Harris"	"2024-03-06"	"Pass"
8		ObjectId("6608a9b0d580ad8...")	"108"	"208"	"Andrew Turner"	"2024-03-07"	"Pass"
9		ObjectId("6608a9b0d580ad8...")	"109"	"209"	"William Rodriguez"	"2024-03-08"	"Fail"
10		ObjectId("6608a9b0d580ad8...")	"1010"	"2010"	"Michael Brown"	"2024-03-04"	"Pass"
11		ObjectId("6608a9b0d580ad8...")	"1011"	"2011"	"John"	"2024-03-01"	"Pass"
12		ObjectId("6608a9b0d580ad8...")	"1012"	"2012"	"Robert Miller"	"2024-03-07"	"Pass"
13		ObjectId("6608a9b0d580ad8...")	"10113"	"2013"	"David Wilson"	"2024-03-02"	"Pass"
14		ObjectId("6608a9b0d580ad8...")	"1014"	"2014"	"Ashley Anderson"	"2024-03-03"	"Pass"

_MONGOSH

```

> upsertedCount: 0
}
> db.test_results.update(
  { "test_id": { $in: ["2013", "2014", "202", "203"] } },
  { $set: { "test_result": "Pass" } },
  { multi: true }
)
< DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 4,
  modifiedCount: 2,
  upsertedCount: 0
}
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>

```

ENG US 442 AM 2024-04-01

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karandcluster.nrt...

My Queries Performance Databases

Search

Quality_Control

employees manufacturers products quality_control_tests test_results

14 DOCUMENTS 1 INDEXES

Quality_Control.test_results

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or Generate_query +

ADD DATA EXPORT DATA

1 - 14 of 14 Explain Reset Find Options

#	test_results	_id	product_id	test_id	tester_name	test_date	test_result
1		ObjectId("6608a9b0d580ad8...")	"101"	"201"	"John"	"2024-03-01"	"Pass"
2		ObjectId("6608a9b0d580ad8...")	"102"	"202"	"Robert Miller"	"2024-03-07"	"Pass"
3		ObjectId("6608a9b0d580ad8...")	"103"	"203"	"David Wilson"	"2024-03-02"	"Pass"
4		ObjectId("6608a9b0d580ad8...")	"104"	"204"	"Ashley Anderson"	"2024-03-03"	"Pass"
5		ObjectId("6608a9b0d580ad8...")	"105"	"205"	"Olivia Martinez"	"2024-03-04"	"Pass"
6		ObjectId("6608a9b0d580ad8...")	"106"	"206"	"Noah Perez"	"2024-03-05"	"Pass"
7		ObjectId("6608a9b0d580ad8...")	"107"	"207"	"Madison Harris"	"2024-03-06"	"Pass"
8		ObjectId("6608a9b0d580ad8...")	"108"	"208"	"Andrew Turner"	"2024-03-07"	"Pass"
9		ObjectId("6608a9b0d580ad8...")	"109"	"209"	"William Rodriguez"	"2024-03-08"	"Fail"
10		ObjectId("6608a9b0d580ad8...")	"1010"	"2010"	"Michael Brown"	"2024-03-04"	"Pass"
11		ObjectId("6608a9b0d580ad8...")	"1011"	"2011"	"John"	"2024-03-01"	"Pass"
12		ObjectId("6608a9b0d580ad8...")	"1012"	"2012"	"Robert Miller"	"2024-03-07"	"Pass"
13		ObjectId("6608a9b0d580ad8...")	"10113"	"2013"	"David Wilson"	"2024-03-02"	"Pass"
14		ObjectId("6608a9b0d580ad8...")	"1014"	"2014"	"Ashley Anderson"	"2024-03-03"	"Pass"

_MONGOSH

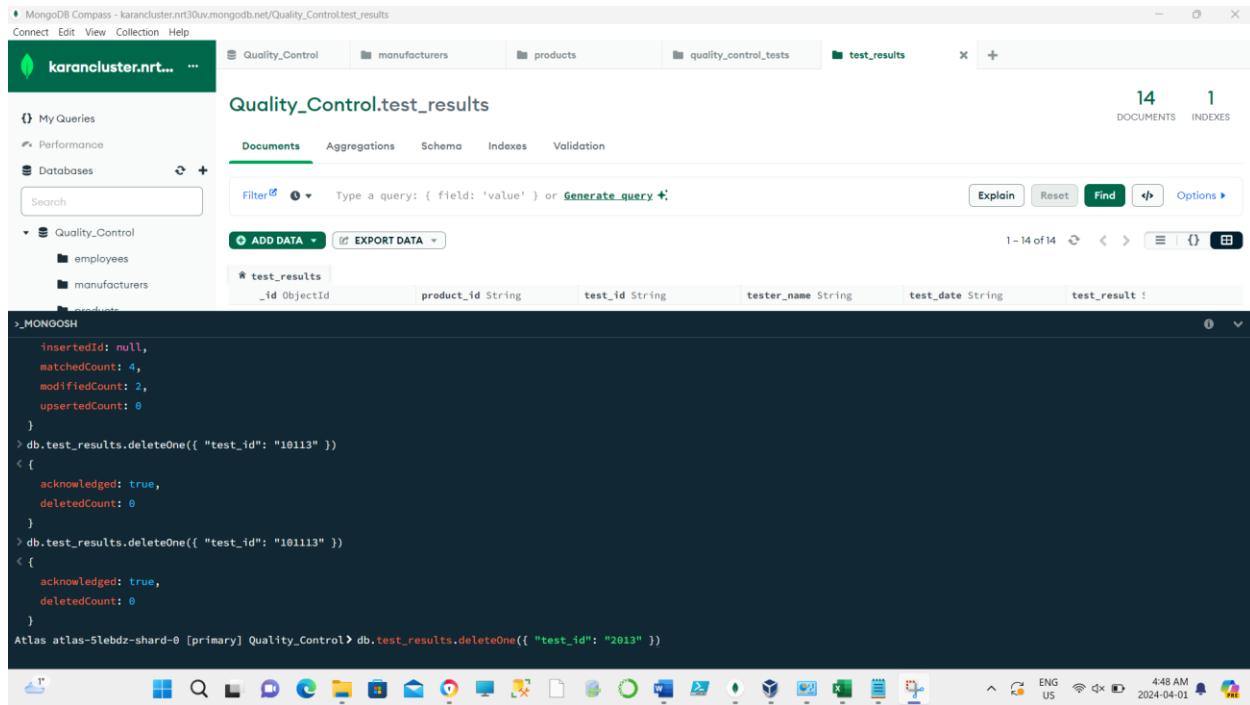
```

> upsertedCount: 0
}
> db.test_results.update(
  { "test_id": { $in: ["2013", "2014", "202", "203"] } },
  { $set: { "test_result": "Pass" } },
  { multi: true }
)
< DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 4,
  modifiedCount: 2,
  upsertedCount: 0
}
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>

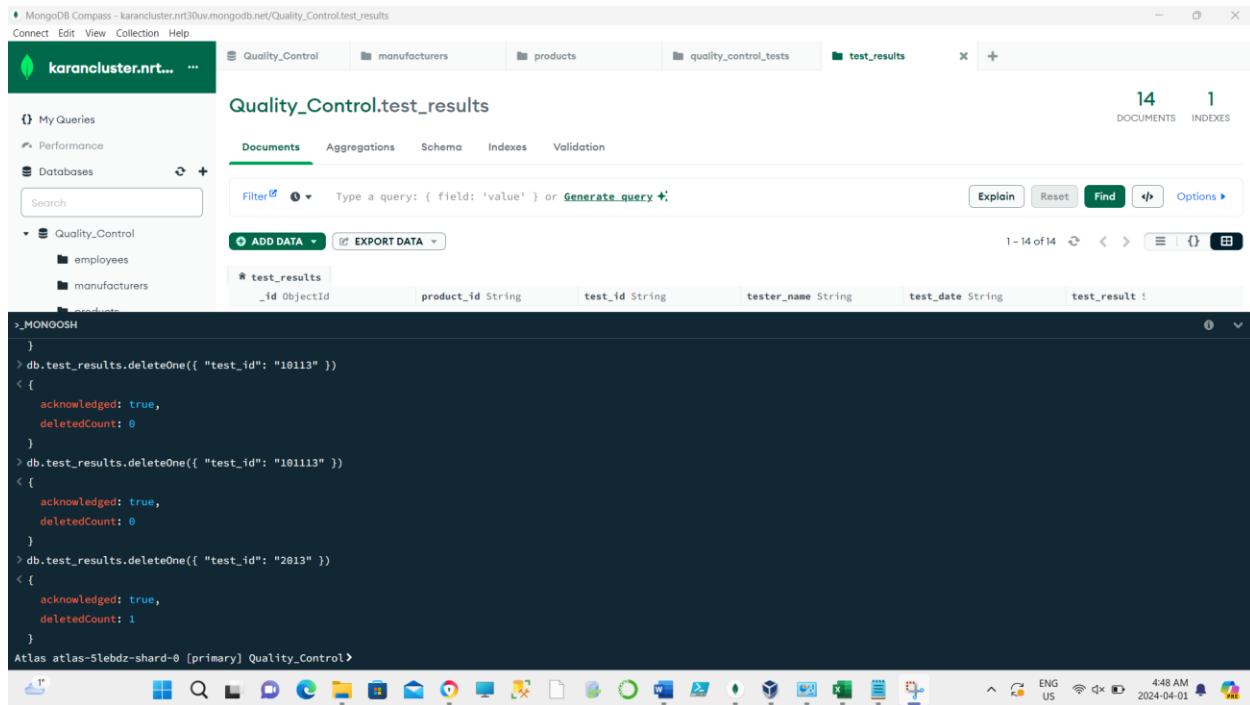
```

ENG US 443 AM 2024-04-01

Using “db.collection.deleteOne()” to delete documents



```
> MONGOSH
insertedId: null,
matchedCount: 4,
modifiedCount: 2,
upsertedCount: 0
}
> db.test_results.deleteOne({ "test_id": "10113" })
< {
  acknowledged: true,
  deletedCount: 0
}
> db.test_results.deleteOne({ "test_id": "101113" })
< {
  acknowledged: true,
  deletedCount: 0
}
}
> db.test_results.deleteOne({ "test_id": "2013" })
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control> db.test_results.deleteOne({ "test_id": "2013" })
```



```
> MONGOSH
}
> db.test_results.deleteOne({ "test_id": "10113" })
< {
  acknowledged: true,
  deletedCount: 0
}
> db.test_results.deleteOne({ "test_id": "101113" })
< {
  acknowledged: true,
  deletedCount: 0
}
> db.test_results.deleteOne({ "test_id": "2013" })
< {
  acknowledged: true,
  deletedCount: 1
}
}
> db.test_results.deleteOne({ "test_id": "2013" })
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>
```

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karancluster.nrt...

Quality_Control test_results

13 DOCUMENTS 1 INDEXES

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate_query](#)

[EXPLAIN](#) [Reset](#) [Find](#) [Options](#)

[ADD DATA](#) [EXPORT DATA](#)

1 - 13 of 13

#	_id	product_id	test_id	tester_name	test_date	test_result
1	ObjectId('6608a9b0d580ad8...')	"101"	"201"	"John"	"2024-03-01"	"Pass"
2	ObjectId('6608a9b0d580ad8...')	"102"	"202"	"Robert Miller"	"2024-03-07"	"Pass"
3	ObjectId('6608a9b0d580ad8...')	"103"	"203"	"David Wilson"	"2024-03-02"	"Pass"
4	ObjectId('6608a9b0d580ad8...')	"104"	"204"	"Ashley Anderson"	"2024-03-03"	"Pass"
5	ObjectId('6608a9b0d580ad8...')	"105"	"205"	"Olivia Martinez"	"2024-03-04"	"Pass"
6	ObjectId('6608a9b0d580ad8...')	"106"	"206"	"Noah Perez"	"2024-03-05"	"Pass"
7	ObjectId('6608a9b0d580ad8...')	"107"	"207"	"Madison Harris"	"2024-03-06"	"Pass"
8	ObjectId('6608a9b0d580ad8...')	"108"	"208"	"Andrew Turner"	"2024-03-07"	"Pass"
9	ObjectId('6608a9b0d580ad8...')	"109"	"209"	"William Rodriguez"	"2024-03-08"	"Fail"
10	ObjectId('6608aae7d580ad8...')	"1010"	"2010"	"Michael Brown"	"2024-03-04"	"Pass"
11	ObjectId('6608b086d580ad8...')	"1011"	"2011"	"John"	"2024-03-01"	"Pass"
12	ObjectId('6608b086d580ad8...')	"1012"	"2012"	"Robert Miller"	"2024-03-07"	"Pass"
13	ObjectId('6608b086d580ad8...')	"1014"	"2014"	"Ashley Anderson"	"2024-03-03"	"Pass"

>_MONGOSH

ENG US 4:49 AM 2024-04-01

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karancluster.nrt...

Quality_Control test_results

17 DOCUMENTS 1 INDEXES

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate_query](#)

[EXPLAIN](#) [Reset](#) [Find](#) [Options](#)

[ADD DATA](#) [EXPORT DATA](#)

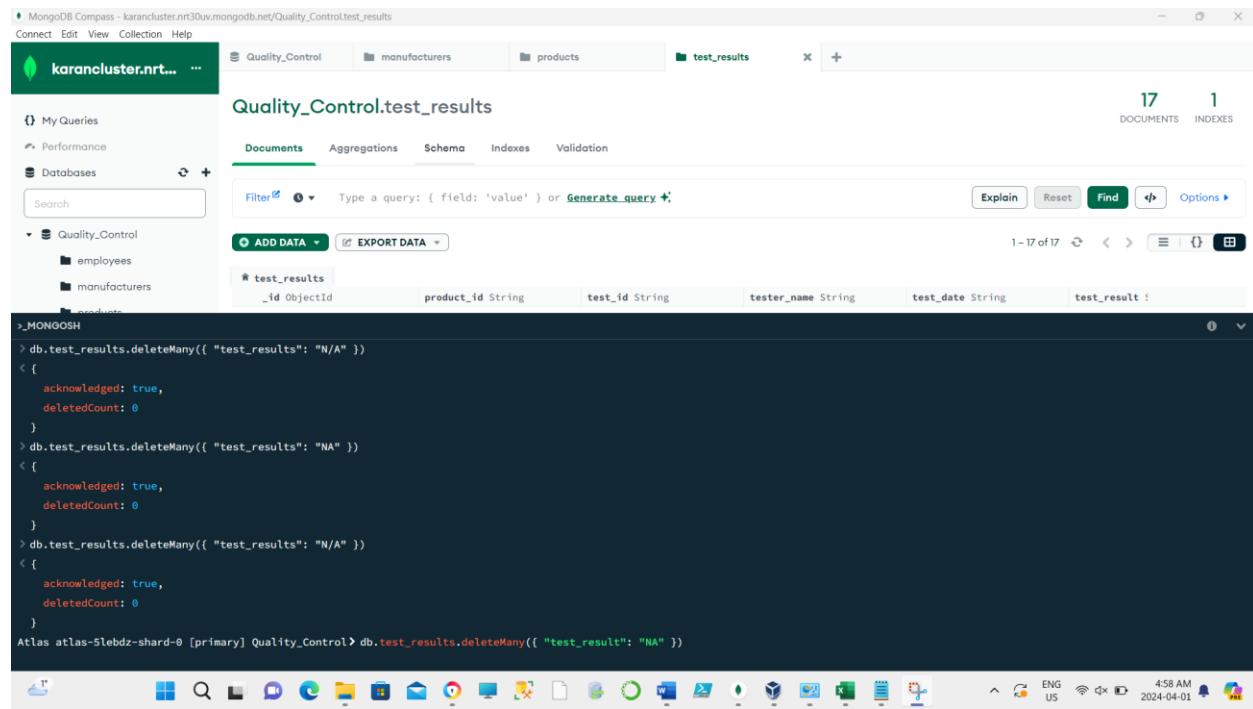
1 - 17 of 17

#	_id	product_id	test_id	tester_name	test_date	test_result
4	ObjectId('6608a9b0d580ad8...')	"104"	"204"	"Ashley Anderson"	"2024-03-03"	"Pass"
5	ObjectId('6608a9b0d580ad8...')	"105"	"205"	"Olivia Martinez"	"2024-03-04"	"Pass"
6	ObjectId('6608a9b0d580ad8...')	"106"	"206"	"Noah Perez"	"2024-03-05"	"Pass"
7	ObjectId('6608a9b0d580ad8...')	"107"	"207"	"Madison Harris"	"2024-03-06"	"Pass"
8	ObjectId('6608a9b0d580ad8...')	"108"	"208"	"Andrew Turner"	"2024-03-07"	"Pass"
9	ObjectId('6608a9b0d580ad8...')	"109"	"209"	"William Rodriguez"	"2024-03-08"	"Fail"
10	ObjectId('6608aae7d580ad8...')	"1010"	"2010"	"Michael Brown"	"2024-03-04"	"Pass"
11	ObjectId('6608b086d580ad8...')	"1011"	"2011"	"John"	"2024-03-01"	"Pass"
12	ObjectId('6608b086d580ad8...')	"1012"	"2012"	"Robert Miller"	"2024-03-07"	"Pass"
13	ObjectId('6608b086d580ad8...')	"1014"	"2014"	"Ashley Anderson"	"2024-03-03"	"Pass"
14	ObjectId('660a75e4d580ad8...')	"1015"	"2015"	"John"	"2024-03-01"	"NA"
15	ObjectId('660a75e4d580ad8...')	"1016"	"2016"	"Robert Miller"	"2024-03-07"	"NA"
16	ObjectId('660a75e4d580ad8...')	"1017"	"2017"	"David Wilson"	"2024-03-02"	"NA"
17	ObjectId('660a75e4d580ad8...')	"1018"	"2018"	"Ashley Anderson"	"2024-03-03"	"NA"

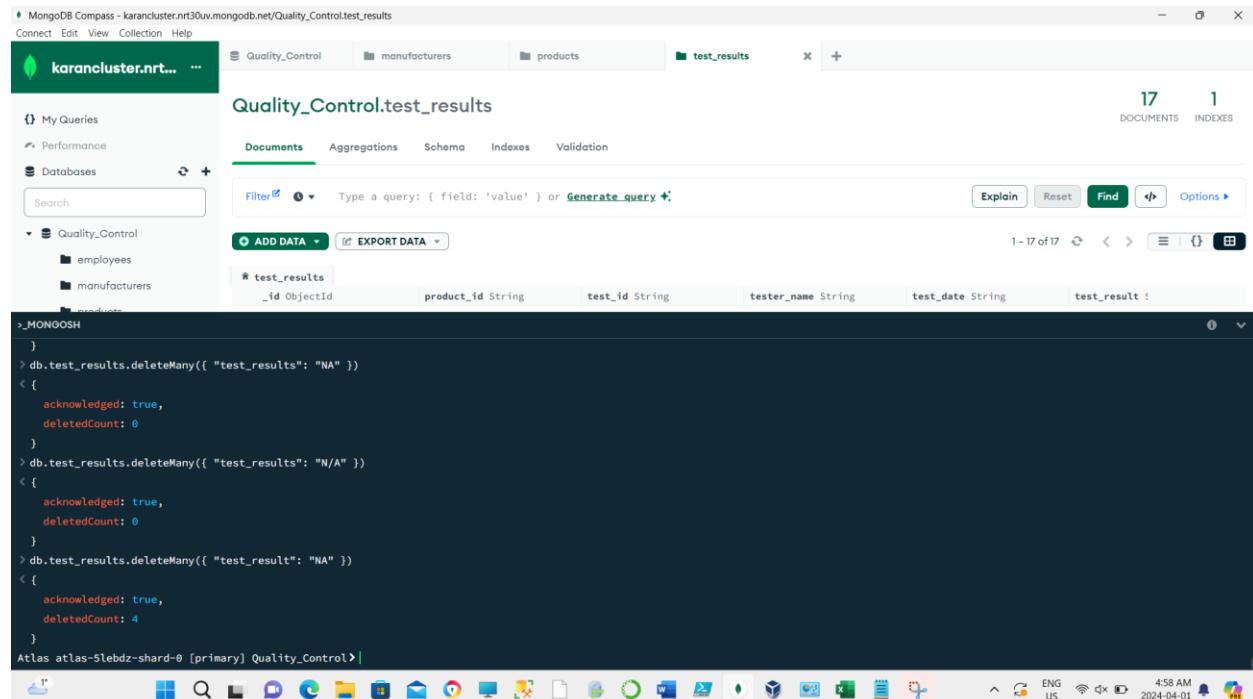
>_MONGOSH

ENG US 4:53 AM 2024-04-01

Using “db.collection.deleteMany()” command to delete multiple documents.



```
_id ObjectId product_id String test_id String tester_name String test_date String test_result :  
1 - 17 of 17  
17 DOCUMENTS 1 INDEXES  
17 DOCUMENTS 1 INDEXES
```

```
_id ObjectId product_id String test_id String tester_name String test_date String test_result :  
1 - 17 of 17  
17 DOCUMENTS 1 INDEXES
```

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karancluster.nrt... ...

My Queries Performance Databases Search

Quality_Control test_results

13 DOCUMENTS 1 INDEXES

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or [Generate query](#)

ADD DATA EXPORT DATA

1 - 13 of 13

#	test_results	_id	ObjectID	product_id	String	test_id	String	tester_name	String	test_date	String	test_result	Str
1	ObjectID('6608a9b0d580ad8...')	1	"101"	"201"		"John"	"2024-03-01"	"Pass"					
2	ObjectID('6608a9b0d580ad8...')	2	"102"	"202"		"Robert Miller"	"2024-03-07"	"Pass"					
3	ObjectID('6608a9b0d580ad8...')	3	"103"	"203"		"David Wilson"	"2024-03-02"	"Pass"					
4	ObjectID('6608a9b0d580ad8...')	4	"104"	"204"		"Ashley Anderson"	"2024-03-03"	"Pass"					
5	ObjectID('6608a9b0d580ad8...')	5	"105"	"205"		"Olivia Martinez"	"2024-03-04"	"Pass"					
6	ObjectID('6608a9b0d580ad8...')	6	"106"	"206"		"Noah Perez"	"2024-03-05"	"Pass"					
7	ObjectID('6608a9b0d580ad8...')	7	"107"	"207"		"Madison Harris"	"2024-03-06"	"Pass"					
8	ObjectID('6608a9b0d580ad8...')	8	"108"	"208"		"Andrew Turner"	"2024-03-07"	"Pass"					
9	ObjectID('6608a9b0d580ad8...')	9	"109"	"209"		"William Rodriguez"	"2024-03-08"	"Fail"					
10	ObjectID('6608a9b0d580ad8...')	10	"1010"	"2010"		"Michael Brown"	"2024-03-04"	"Pass"					
11	ObjectID('6608a9b0d580ad8...')	11	"1011"	"2011"		"John"	"2024-03-01"	"Pass"					
12	ObjectID('6608a9b0d580ad8...')	12	"1012"	"2012"		"Robert Miller"	"2024-03-07"	"Pass"					
13	ObjectID('6608a9b0d580ad8...')	13	"1014"	"2014"		"Ashley Anderson"	"2024-03-03"	"Pass"					

>_MONGOSH

ENG US 4:59 AM 2024-04-01

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control

Connect Edit View Help

karancluster.nrt... ...

My Queries Performance Databases Search

Quality_Control manufacturers products test_results employees quality_control_tests

20.48 kB 10 216.00 B 1 24.58 kB

quality_control_tests

Storage size: 20.48 kB Documents: 10 Avg. document size: 224.00 B Indexes: 1 Total index size: 20.48 kB

test_results

Storage size: 20.48 kB Documents: 13 Avg. document size: 190.00 B Indexes: 1 Total index size: 36.86 kB

>_MONGOSH

```
> db.test_results.deleteMany({ "test_results": "NA" })
< {
  acknowledged: true,
  deletedCount: 0
}
> db.test_results.deleteMany({ "test_results": "N/A" })
< {
  acknowledged: true,
  deletedCount: 0
}
> db.test_results.deleteMany({ "test_result": "NA" })
< {
  acknowledged: true,
  deletedCount: 4
}
}
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control> db.test_results.find({ result: "Fail" })
```

ENG US 10:23 AM 2024-04-01

Using find command to find specific documents in database.

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karanchuster.nrt... ...

Quality_Control test_results

13 DOCUMENTS 1 INDEXES

My Queries Performance Databases

Search

Quality_Control

employees manufacturers products

_MONGOSH

```
> db.setTimeout(0); // Set timeout to 0 seconds
at Timeout.anonymous (C:\Users\Owner\AppData\Local\MongoDBCompass\app-1.41.0\resources\app.asar.unpacked\node_modules@mongosh\node-runtime-worker-thread\dist\worker-runtime.js:2:12334
at listOnTimeout (node:internal/timers:569:17)
at process.processTimers (node:internal/timers:512:7)
```

```
> db.collection.insertOne({}).explain("executionStats")
MongoServerError: connect ETIMEDOUT 20.104.88.56:27017
> db.test_results.find({ test_result: "Fail" })
< {
  _id: ObjectId('6608a9b0d580ad8b3d174bb4'),
  product_id: '109',
  test_id: '209',
  tester_name: 'William Rodriguez',
  test_date: '2024-03-08',
  test_result: 'Fail',
  remarks: 'Test equipment malfunctioned during testing.'
}
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control |
```

ADD DATA EXPORT DATA

Filter Type a query: { field: 'value' } or Generate_query +

Explain Reset Find Options

1 - 13 of 13

Documents Aggregations Schema Indexes Validation

* test_results _id ObjectId product_id String test_id String tester_name String test_date String test_result String

ENG US 10:30 AM 2024-04-01

This screenshot shows the MongoDB Compass interface for the 'test_results' collection. The results pane displays 13 documents, all of which have a 'test_result' field value of 'Fail'. The results are paginated from 1 to 13 of 13. The interface includes tabs for Documents, Aggregations, Schema, Indexes, and Validation, along with buttons for Explain, Reset, Find, and Options.

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karanchuster.nrt... ...

Quality_Control test_results

17 DOCUMENTS 1 INDEXES

My Queries Performance Databases

Search

Quality_Control

employees manufacturers products

_MONGOSH

```
}
```

```
> db.test_results.aggregate([
  {
    $project: {
      product_id: 1,
      tester_name: 1,
      remarks: 1,
      test_id: 1,
    }
  }
]);
< {
  _id: ObjectId('6608a9b0d580ad8b3d174bae'),
  product_id: '103',
  test_id: '203',
  tester_name: 'David Wilson',
```

ADD DATA EXPORT DATA

Filter Type a query: { field: 'value' } or Generate_query +

Explain Reset Find Options

1 - 17 of 17

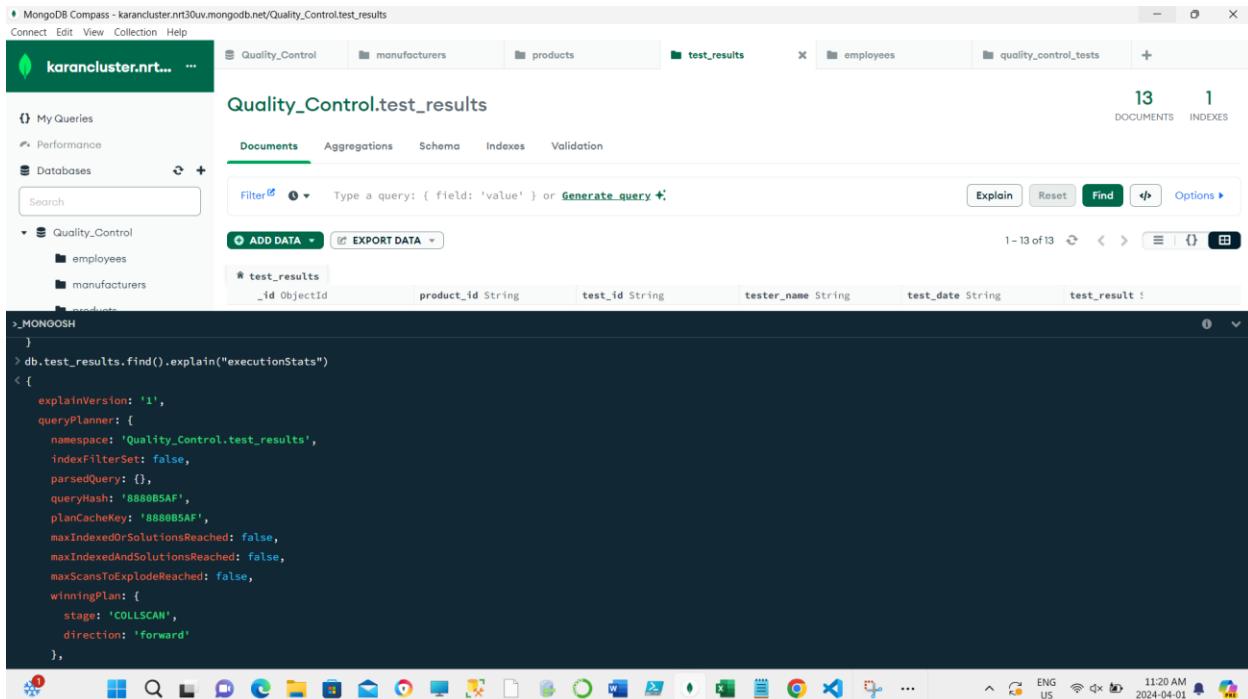
Documents Aggregations Schema Indexes Validation

* test_results _id String test_id String tester_name String test_date String test_result String remarks String

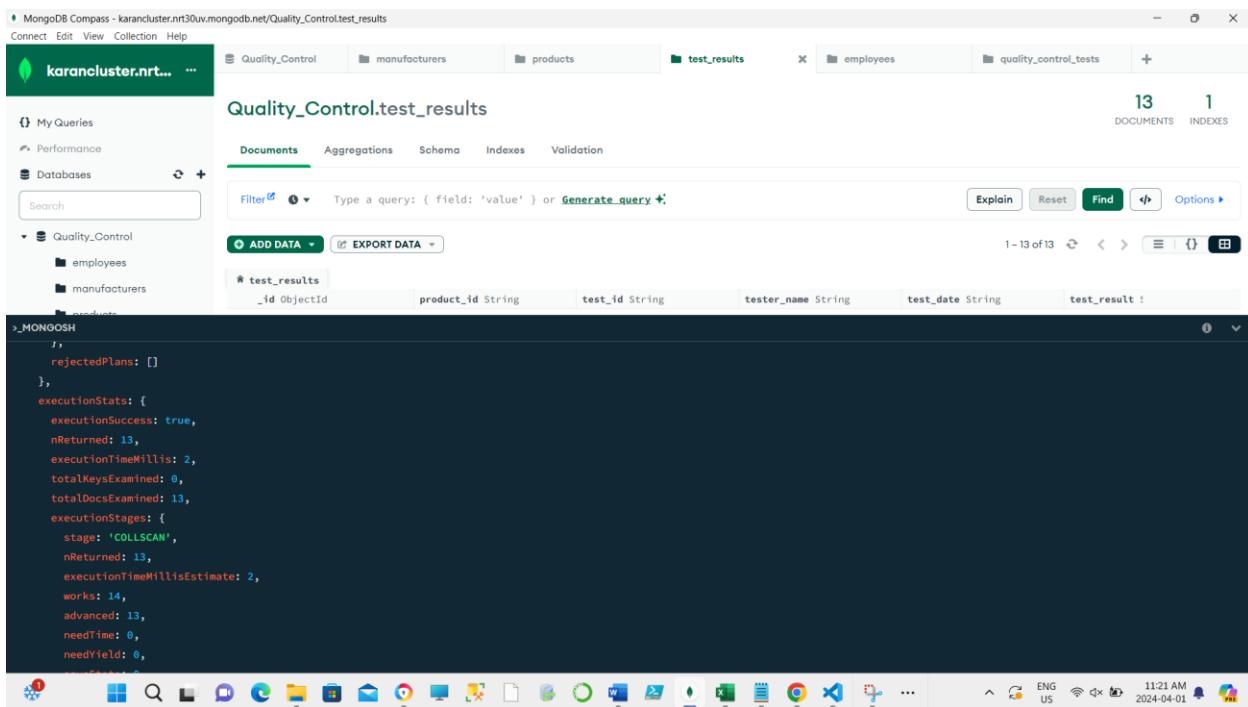
ENG US 11:23 PM 2024-04-04

This screenshot shows the MongoDB Compass interface for the 'test_results' collection. The results pane displays 17 documents, all of which have a 'test_result' field value of 'Pass'. The results are paginated from 1 to 17 of 17. The interface includes tabs for Documents, Aggregations, Schema, Indexes, and Validation, along with buttons for Explain, Reset, Find, and Options.

Checking execution stats for each query



```
MongoDB Compass - karanccluster.nrt30uv.mongodb.net/Quality_Control.test_results
Connect Edit View Collection Help
karanccluster.nrt... ...
My Queries
Performance
Databases
Search
Quality_Control
employees
manufacturers
products
test_results
employees
quality_control_tests
13 DOCUMENTS 1 INDEXES
Quality_Control.test_results
Documents Aggregations Schema Indexes Validation
Filter Type a query: { field: 'value' } or Generate_query +
ADD DATA EXPORT DATA
* test_results _id ObjectId product_id String test_id String tester_name String test_date String test_result :
1-13 of 13 Explain Reset Find Options
>_MONGOSH
)
> db.test_results.find().explain("executionStats")
< {
  explainVersion: '1',
  queryPlanner: {
    namespace: 'Quality_Control.test_results',
    indexFilterSet: false,
    parsedQuery: {},
    queryHash: '8888B5AF',
    planCacheKey: '8888B5AF',
    maxIndexedOrSolutionsReached: false,
    maxIndexedAndSolutionsReached: false,
    maxScansToExplodeReached: false,
    winningPlan: {
      stage: 'COLLSCAN',
      direction: 'forward'
    },
  },
}
```



```
MongoDB Compass - karanccluster.nrt30uv.mongodb.net/Quality_Control.test_results
Connect Edit View Collection Help
karanccluster.nrt... ...
My Queries
Performance
Databases
Search
Quality_Control
employees
manufacturers
products
test_results
employees
quality_control_tests
13 DOCUMENTS 1 INDEXES
Quality_Control.test_results
Documents Aggregations Schema Indexes Validation
Filter Type a query: { field: 'value' } or Generate_query +
ADD DATA EXPORT DATA
* test_results _id ObjectId product_id String test_id String tester_name String test_date String test_result :
1-13 of 13 Explain Reset Find Options
>_MONGOSH
),
  rejectedPlans: []
},
executionStats: {
  executionSuccess: true,
  nReturned: 13,
  executionTimeInMillis: 2,
  totalKeysExamined: 0,
  totalDocsExamined: 13,
  executionStages: {
    stage: 'COLLSCAN',
    nReturned: 13,
    executionTimeInMillisEstimate: 2,
    works: 14,
    advanced: 13,
    needTime: 0,
    needYield: 0,
```

```
MongoDB Compass - karanccluster.nrt30uv.mongodb.net/Quality_Control.test_results
Connect Edit View Collection Help
karanccluster.nrt... ...
Quality_Control manufacturers products test_results employees quality_control_tests +
13 1
DOCUMENTS INDEXES
My Queries Performance Databases + Search
Quality_Control employees manufacturers products
ADD DATA EXPORT DATA Filter Type a query: { field: 'value' } or Generate_query +
Documents Aggregations Schema Indexes Validation
1-13 of 13 Explain Reset Find Options
* test_results _id ObjectId product_id String test_id String tester_name String test_date String test_result :
11:21 AM 2024-04-01 ENG US
>_MONGOSH
},
command: {
  find: 'test_results',
  filter: {},
  '$db': 'Quality_Control'
},
serverInfo: {
  host: 'ac-vs0fv6l-shard-00-02.nrt30uv.mongodb.net',
  port: 27017,
  version: '7.0.7',
  gitVersion: 'cfb08e1ab7ef741b4abdd0638351b322514c45bd'
},
serverParameters: {
  internalQueryFacetBufferSizeBytes: 104857600,
  internalQueryFacetMaxOutputDocSizeBytes: 104857600,
  internalLookupStageIntermediateDocumentMaxSizeBytes: 16793600,
  internalDocumentSourceGroupMaxMemoryBytes: 104857600,
}
11:21 AM 2024-04-01 ENG US
```

```
MongoDB Compass - karanccluster.nrt30uv.mongodb.net/Quality_Control.test_results
Connect Edit View Collection Help
karanccluster.nrt... ...
Quality_Control manufacturers products test_results employees quality_control_tests +
13 1
DOCUMENTS INDEXES
My Queries Performance Databases + Search
Quality_Control employees manufacturers products
ADD DATA EXPORT DATA Filter Type a query: { field: 'value' } or Generate_query +
Documents Aggregations Schema Indexes Validation
1-13 of 13 Explain Reset Find Options
* test_results _id ObjectId product_id String test_id String tester_name String test_date String test_result :
11:21 AM 2024-04-01 ENG US
>_MONGOSH
internalQueryMaxBlockingSortMemoryUsageBytes: 33554432,
internalQueryProhibitBlockingMergeOnMongoS: 0,
internalQueryMaxAddToSetBytes: 104857600,
internalDocumentSourceSetWindowFieldsMaxMemoryBytes: 104857600,
internalQueryFrameworkControl: 'trySbeRestricted',
},
ok: 1,
$clusterTime: {
  clusterTime: Timestamp({ t: 1711984803, i: 2 }),
  signature: {
    hash: Binary.createFromBase64('dH124pyJClZCzgRNbk2Xzchy6sk='),
    keyId: 7313997390015365000
  }
},
operationTime: Timestamp({ t: 1711984803, i: 2 })
}
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>
11:21 AM 2024-04-01 ENG US
```

Creating indexes based on the workload excel file.

Quality_Control.employees

Name and Definition	Type	Size	Usage	Properties
id	REGULAR	36.9 KB	5 (since Fri Mar 29 2024)	UNIQUE
department_1	REGULAR	20.5 KB	0 (since Mon Apr 01 2024)	



Quality_Control.employees

_id	name	department	position
...

```
_internalDocumentSourceSetWindowFieldsMaxMemoryBytes: 104857600,
internalQueryFrameworkControl: 'trySbeRestricted'
},
ok: 1,
'$clusterTime': {
  clusterTime: Timestamp({ t: 1711984803, i: 2 }),
  signature: {
    hash: Binary.createFromBase64('dM124pyJC1ZCzgRNbk2Xzchy6sk='),
    keyId: 7313997390015365000
  }
},
operationTime: Timestamp({ t: 1711984803, i: 2 })
}
> db.employees.createIndex({ department: 1 })
< department_1
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control> db.employees.find({ department: "quality control" }).explain("executionStats")
```

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.employees

Connect Edit View Collection Help

karancluster.nrt...

Quality_Control.employees

37 DOCUMENTS 1 INDEXES

My Queries Performance Databases

Search Quality_Control

employees manufacturers products test_results quality_control_tests employees

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or Generate_query ↗ Explain Reset Find Options ↗

ADD DATA EXPORT DATA

1 - 20 of 37

_id ObjectId name String department String position String

_MONGOSH

```
> db.department_1
> db.employees.find({ department: "quality control" }).explain("executionStats")
< {
  explainVersion: '1',
  queryPlanner: {
    namespace: 'Quality_Control.employees',
    indexFilterSet: false,
    parsedQuery: {
      department: {
        '$eq': 'quality control'
      }
    },
    queryHash: '4E4C7C88',
    planCacheKey: '30DCAA69',
    maxIndexedOrSolutionsReached: false,
    maxIndexedAndSolutionsReached: false,
    maxScansToExplainReached: false,
```

ENG US 1:23 PM 2024-04-01

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.manufacturers

Connect Edit View Collection Help

karancluster.nrt...

Quality_Control.manufacturers

10 DOCUMENTS 1 INDEXES

My Queries Performance Databases

Search Quality_Control

employees manufacturers products test_results quality_control_tests employees

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or Generate_query ↗ Explain Reset Find Options ↗

ADD DATA EXPORT DATA

1 - 10 of 10

_id ObjectId manufacturerName String location String phone String email String

_MONGOSH

```
> db.manufacturer.createIndexes([
  { key: { _id: 1 }, name: 'idx_id' },
  { key: { manufacturerName: 1 }, name: 'idx_name' },
  { key: { location: 1 }, name: 'idx_location' },
  { key: { phone: 1 }, name: 'idx_phone' },
  { key: { email: 1 }, name: 'idx_email' }
])
keyId: 7313997390015365000
}
),
operationTime: Timestamp({ t: 1711992209, i: 13 })
}
> db.products.find({ manufacturer: "JKL Solutions" }).explain("executionStats")
< {
  explainVersion: '1',
  queryPlanner: {
    namespace: 'Quality_Control.products',
    indexFilterSet: false,
    parsedQuery: {
      manufacturer: {
        '$eq': 'JKL Solutions'
      }
    },
    queryHash: '4E4C7C88'
```

ENG US 1:25 PM 2024-04-01

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control.products

Connect Edit View Collection Help

karancluster.nrt... ...

Quality_Control.products

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate_query](#)

[Explain](#) [Reset](#) [Find](#) [Options](#)

products

_id	productname	description	manufacturer_name	manufacturing_date	expiry_date
7313997390015365000	Product A	Description A	Manufacturer A	2024-01-01T00:00:00.000Z	2024-06-01

1 - 10 of 10

_MONGOSH

```

hash: Binary.createFromBase64("fdrdUtzkF+J76a/Bjcup2u5T/0=", 0),
keyId: 7313997390015365000
},
operationTime: Timestamp({ t: 1711992292, i: 1 })
}
> db.products.find({ manufacturing_date: { $gt: ISODate("2024-01-01") } }).explain("executionStats")
< {
  explainVersion: "1",
  queryPlanner: {
    namespace: "Quality_Control.products",
    indexFilterSet: false,
    parsedQuery: {
      manufacturing_date: {
        '$gt': 2024-01-01T00:00:00.000Z
      }
    },
  },

```

ENG US 1:26 PM 2024-04-01

Showing aggregation pipelines

MongoDB Compass - karandcluster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karancluster.nrt... ...

Quality_Control.test_results

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate_query](#)

[Explain](#) [Reset](#) [Find](#) [Options](#)

test_results

_id	product_id	test_id	tester_name	test_date	test_result
6608a9b0d580ad8b3d174bac	101	201	John	2024-03-01	Pass
6608a9b0d580ad8b3d174bad	102	202	John	2024-03-01	Pass

1 - 13 of 13

_MONGOSH

```

{ $match: { "test_result": "Pass" }
}
<
> db.test_results.aggregate([
  { $match: { "test_result": "Pass" }
}
<
{
  _id: ObjectId('6608a9b0d580ad8b3d174bac'),
  product_id: '101',
  test_id: '201',
  tester_name: 'John',
  test_date: '2024-03-01',
  test_result: 'Pass',
  remarks: 'Product passed all quality tests without issues.'
}
{
  _id: ObjectId('6608a9b0d580ad8b3d174bad'),
  product_id: '102',

```

ENG US 1:30 PM 2024-04-01

```
MongoDB Compass - karanccluster.nrt30uv.mongodb.net/Quality_Control.test_results
Connect Edit View Collection Help
karanccluster.nrt...
Quality_Control test_results 13 1
My Queries Performance Databases Documents Aggregations Schema Indexes Validation
Search
Quality_Control employees manufacturers products test_results quality_control_tests employees +
13 DOCUMENTS 1 INDEXES
Quality_Control.test_results
Documents Aggregations Schema Indexes Validation
Filter Type a query: { field: 'value' } or Generate_query +
ADD DATA EXPORT DATA Explain Reset Find Options
test_results _id ObjectId product_id String test_id String tester_name String test_date String test_result String
product_id: '1012',
test_id: '2012',
tester_name: 'Robert Miller',
test_date: '2024-03-07',
test_result: 'Pass',
remarks: 'No issues detected during testing.'
}
{
_id: ObjectId('6608b086d580ad8b3d174bbb'),
product_id: '1014',
test_id: '2014',
tester_name: 'Ashley Anderson',
test_date: '2024-03-03',
test_result: 'Pass',
remarks: 'No issues found during testing.'
}
>_MONGOSH
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>
13 DOCUMENTS 1 INDEXES
13 DOCUMENTS 1 INDEXES
```

```
MongoDB Compass - karanccluster.nrt30uv.mongodb.net/Quality_Control.test_results
Connect Edit View Collection Help
karanccluster.nrt...
Quality_Control test_results 17 1
My Queries
Quality_Control test_results
Documents Aggregations Schema Indexes Validation
test_results _id ObjectId product_id String test_id String tester_name String test_date String test_result String
_id: ObjectId('660f6b76d580ad8b3d174bc6'),
product_id: '1018',
test_id: '2018',
tester_name: 'Robert Miller',
remarks: 'The product meets standards.',
day: null,
month: null,
year: null
}
> db.test_results.aggregate([
  {
    $project: {
      product_id: 1,
      tester_name: 1,
      remarks: 1,
      test_id: 1,
    }
  }
]);
< {
  _id: ObjectId('6608a9b0d580ad8b3d174bae'),
  product_id: '1023',
  test_id: '203',
  tester_name: 'David Wilson',
}
17 DOCUMENTS 1 INDEXES
17 DOCUMENTS 1 INDEXES
```

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karancluster.nrt... ...

Quality_Control test_results products employees test_results quality_control_tests +

17 DOCUMENTS 1 INDEXES

My Queries

```
>_MONGOSH
< {
  "_id": ObjectId("6608a9b0d580ad8b3d174bae"),
  "product_id": "103",
  "test_id": "203",
  "tester_name": "David Wilson",
  "remarks": "The product failed due to a malfunctioning component."
}
{
  "_id": ObjectId("6608a9b0d580ad8b3d174bad"),
  "product_id": "102",
  "test_id": "202",
  "tester_name": "Robert Miller",
  "remarks": "No issues detected during testing."
}
{
  "_id": ObjectId("6608a9b0d580ad8b3d174bb0"),
  "product_id": "105",
  "test_id": "205",
  "tester_name": "Olivia Martinez",
  "remarks": "Product meets quality standards."
}
{
  "_id": ObjectId("6608a9b0d580ad8b3d174bac"),
  "product_id": "101",
  "test_id": "201",
  "tester_name": "John",
}
```

Cloud Microsoft Edge File Explorer Task View Start Taskbar ENG US 11:23 PM 2024-04-04

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results

Connect Edit View Collection Help

karancluster.nrt... ...

Quality_Control test_results products employees test_results quality_control_tests +

17 DOCUMENTS 1 INDEXES

My Queries

```
>_MONGOSH
  remarks: "The product meets standards."
}
> db.test_results.aggregate([
  {
    $match: {
      tester_name: "Robert Miller"
    }
  },
  {
    $group: {
      _id: "$Robert Miller",
      tests: [
        $push: {
          product_id: "$product_id",
          test_id: "$test_id",
          remarks: "$remarks"
        }
      ]
    }
  }
]);
< {
  _id: null,
  tests: [
    {
      product_id: "102",
      test_id: "202",
      tester_name: "Robert Miller",
      remarks: "No issues detected during testing."
    }
  ]
}
```

Cloud Microsoft Edge File Explorer Task View Start Taskbar ENG US 11:28 PM 2024-04-04

```
>_MONGOSH
< {
  _id: null,
  tests: [
    {
      product_id: '102',
      test_id: '202',
      remarks: 'No issues detected during testing.'
    },
    {
      product_id: '1012',
      test_id: '2012',
      remarks: 'No issues detected during testing.'
    },
    {
      product_id: '1015',
      test_id: '2015',
      remarks: 'The product meets all expectations.'
    },
    {
      product_id: '1016',
      test_id: '2016',
      remarks: 'The product is faulty'
    },
    {
      product_id: '1017',
      test_id: '2017',
      remarks: 'The product failed due to a malfunctioning component.'
    }
  ]
}
17 DOCUMENTS 1 INDEXES
```

```
>_MONGOSH
> db.test_results.aggregate([
  { $limit: 4 }
]);
< [
  {
    _id: ObjectId('6608a9b0d580ad8b3d174bae'),
    product_id: '103',
    test_id: '203',
    tester_name: 'David Wilson',
    test_date: '2024-03-02',
    test_result: 'Pass',
    remarks: 'The product failed due to a malfunctioning component.'
  },
  {
    _id: ObjectId('6608a9b0d580ad8b3d174bad'),
    product_id: '102',
    test_id: '202',
    tester_name: 'Robert Miller',
    test_date: '2024-03-07',
    test_result: 'Pass',
    remarks: 'No issues detected during testing.'
  },
  {
    _id: ObjectId('6608a9b0d580ad8b3d174bb0'),
    product_id: '105',
    test_id: '205',
    tester_name: 'Olivia Martinez'
  }
]
17 DOCUMENTS 1 INDEXES
```

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results
Connect Edit View Collection Help
karanchuster.nrt... ...
Quality_Control manufacturers products employees test_results quality_control_tests ...
17 DOCUMENTS 1 INDEXES
MyQueries MONGOSH
Quality_Control.test_results
> db.test_results.aggregate([
  {
    $match: {
      tester_name: "Robert Miller"
    }
  },
  {
    $sort: {
      _id: 1
    }
  },
  {
    $project: {
      _id: 0,
      product_id: 1,
      test_id: 1,
      remarks: 1
    }
  },
  {
    $limit: 2
  }
]);
< [
  {
    product_id: '102',
    test_id: '202',
    remarks: 'No issues detected during testing.'
  },
  {
    product_id: '102',
    test_id: '202',
    remarks: 'No issues detected during testing.'
  }
]
11:46 PM 2024-04-04 ENG US
```

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.test_results
Connect Edit View Collection Help
karanchuster.nrt... ...
Quality_Control manufacturers products employees test_results quality_control_tests ...
17 DOCUMENTS 1 INDEXES
MyQueries MONGOSH
Quality_Control.test_results
> db.test_results.aggregate([
  {
    $sort: {
      _id: 1
    }
  },
  {
    $project: {
      _id: 0,
      product_id: 1,
      test_id: 1,
      remarks: 1
    }
  },
  {
    $limit: 2
  }
]);
< [
  {
    product_id: '102',
    test_id: '202',
    remarks: 'No issues detected during testing.'
  },
  {
    product_id: '102',
    test_id: '202',
    remarks: 'No issues detected during testing.'
  }
]
Atlas atlas-5lebdz-shard-0 [primary] Quality_Control>
11:46 PM 2024-04-04 ENG US
```

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.quality_control_tests
Connect Edit View Collection Help
karanchuster.nrt... ...
Quality_Control manufacturers products employees test_results quality_control_tests ...
10 DOCUMENTS 1 INDEXES
My Queries
>_MONGOSH
> db.quality_control_tests.aggregate([
  { $unwind: "$description" }
])
< [
  {
    _id: ObjectId('6608a8ead580ad8b3d174ba3'),
    test_name: 'Accuracy Test',
    description: 'Test the accuracy of measurement',
    equipment_used: 'Precision Scale',
    test_procedure: 'Measure the deviation from the standard value'
  },
  {
    _id: ObjectId('6608a8ead580ad8b3d174ba4'),
    test_name: 'Temperature Test',
    description: 'Test the product's performance under heat',
    equipment_used: 'Temperature Chamber',
    test_procedure: 'Expose the product to high temperatures and monitor response'
  },
  {
    _id: ObjectId('6608a8ead580ad8b3d174ba5'),
    test_name: 'Drop Test',
    description: 'Test product resilience to impact',
    equipment_used: 'Drop Testing Apparatus',
    test_procedure: 'Drop the product from various heights onto different surfaces'
  },
  {
    _id: ObjectId('6608a8ead580ad8b3d174ba2'),
    test_name: 'Durability Test'
  }
]
11:52 PM 2024-04-04 ENG US
Windows Taskbar icons
```

```
MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.quality_control_tests
Connect Edit View Collection Help
karanchuster.nrt... ...
Quality_Control manufacturers products employees test_results quality_control_tests ...
10 DOCUMENTS 1 INDEXES
My Queries
>_MONGOSH
< ...
> db.test_results.aggregate([
  {
    $lookup: {
      from: "quality_control_tests",
      localField: "test_name",
      foreignField: "product_id",
      as: "test"
    }
  },
  {
    $unwind: "$test"
  },
  {
    $project: {
      _id: 0,
      tester_name: 1,
      "test_name": 1,
      "description": 1,
      remarks: 1
    }
  }
]);
< [
  {
    tester_name: 'David Wilson',
    remarks: 'The product failed due to a malfunctioning component.'
  }
]
12:05 AM 2024-04-05 ENG US
Windows Taskbar icons
```

MongoDB Compass - karanchuster.nrt30uv.mongodb.net/Quality_Control.quality_control_tests

Connect Edit View Collection Help

karanchuster.nrt... ...

Quality_Control manufacturers products employees test_results quality_control_tests +

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MyQueries

_MONGOSH

```
>_MONGOSH
remarks: 'No issues detected during testing.'
}
{
  tester_name: 'Robert Miller',
  remarks: 'No issues detected during testing.'
}
{
  tester_name: 'Robert Miller',
  remarks: 'No issues detected during testing.'
}
{
  tester_name: 'Robert Miller',
  remarks: 'No issues detected during testing.'
}
{
  tester_name: 'Robert Miller',
  remarks: 'No issues detected during testing.'
}
{
  tester_name: 'Robert Miller',
  remarks: 'No issues detected during testing.'
}
{
  tester_name: 'Olivia Martinez',
  remarks: 'Product meets quality standards.'
}
< {
  tester_name: 'Olivia Martinez',
  remarks: 'Product meets quality standards.'
```

Type "it" for more
> it
< {

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