

WEEK 12 IN CLASS ASSIGNMENT-4

MongoDB Compass - cluster0.g31xr.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31xr... My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

My Queries Performance Databases

Search

- Tennis
- admin
- config
- local
- portfolio_project
 - collection1
 - collection2
 - collection3
 - collection4
 - collection5

collection1
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection2
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection3
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection4
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

```
>_MONGOOSH
> use portfolio_project
< switched to db portfolio_project
> db.createCollection("collection1")
db.createCollection("collection2")
db.createCollection("collection3")
db.createCollection("collection4")
db.createCollection("collection5")
< { ok: 1 }
```

Atlas atlas-thq5sso-shard-0 [primary] portfolio_project

Feels colder Now

Search

ENG US 4:06 PM 2024-04-05

MongoDB Compass - cluster0.g31xr.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31xr... My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

My Queries Performance Databases

Search

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 - collection5

collection1
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection2
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection3
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection4
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

```
>_MONGOOSH
db.createCollection("collection5")
< { ok: 1 }
> db.collection1.insertOne({name: "Document1", value: 1})
< {
  acknowledged: true,
  insertedId: ObjectId('661059d81118bcca1d56463')
}
```

Atlas atlas-thq5sso-shard-0 [primary] portfolio_project

5°C Cloudy

Search

ENG US 4:07 PM 2024-04-05

MongoDB Compass - cluster0.g31xlr.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31xlr....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1

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

collection2

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

collection3

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

collection4

```
>_MONGOOSH
> db.collection1.insertMany([ {name: "Document2", value: 2}, {name: "Document3", value: 3} ])
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('66105a281118bccea1d56464'),
    '1': ObjectId('66105a281118bccea1d56465')
  }
}
```

Atlas atlas-thq5so-shard-0 [primary] portfolio_project>

SRH - CSK Game score

Search

ENG US 4:08 PM 2024-04-05

MongoDB Compass - cluster0.g31xlr.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31xlr....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1

Storage size: 20.48 kB	Documents: 10	Avg. document size: 53.00 B	Indexes: 1	Total index size: 36.86 kB
------------------------	---------------	-----------------------------	------------	----------------------------

collection2

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

collection3

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

collection4

```
>_MONGOOSH
> for (let i = 4; i <= 10; i++) {
  db.collection1.insertOne({name: `Document${i}`, value: i})
}
< {
  acknowledged: true,
  insertedId: ObjectId('66105a991118bccea1d5646c')
}
```

Atlas atlas-thq5so-shard-0 [primary] portfolio_project>

5°C Cloudy

Search

ENG US 4:10 PM 2024-04-05

MongoDB Compass - cluster0.g31xr.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31xr....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1				
Storage size: 20.48 kB	Documents: 10	Avg. document size: 53.00 B	Indexes: 1	Total index size: 36.86 kB

collection2				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection3				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection4				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

My Queries Performance Databases

Search

- Tennis
- admin
- config
- local
- portfolio_project
 - collection1
 - collection2
 - collection3
 - collection4
 - collection5

```
>_MONGOOSH
> db.collection1.updateOne({name: "Document1"}, {$set: {value: 10}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

5°C Cloudy Search ENG US 4:11 PM 2024-04-05

MongoDB Compass - cluster0.g31xr.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31xr....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1				
Storage size: 20.48 kB	Documents: 10	Avg. document size: 53.00 B	Indexes: 1	Total index size: 36.86 kB

collection2				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection3				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection4				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

My Queries Performance Databases

Search

- Tennis
- admin
- config
- local
- portfolio_project
 - collection1
 - collection2
 - collection3
 - collection4
 - collection5

```
>_MONGOOSH
> db.collection1.updateMany({value: {$lt: 5}}, {$set: {value: 5}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 3,
  modifiedCount: 3,
  upsertedCount: 0
}
```

Atlas atlas-thq5so-shard-0 [primary] portfolio_project>

5°C Cloudy Search ENG US 4:12 PM 2024-04-05

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31x1rz....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1
Storage size: 20.48 kB
Documents: 10
Avg. document size: 53.00 B
Indexes: 1
Total index size: 36.86 kB

collection2
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection3
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection4

My Queries

Databases

Tennis

admin

config

local

portfolio_project

- collection1
- collection2
- collection3
- collection4
- collection5

```
>_MONGOSH
>use portfolio_project
>
>db.collection1.findOne({name: "Document1"})
< {
  _id: ObjectId('661859d81118bcead56463'),
  name: 'Document1',
  value: 19
}
```

Atlas atlas-thq5so-shard-0 [primary] portfolio_project

5°C Cloudy

Search

ENG US

4:13 PM 2024-04-05

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31x1rz....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1
Storage size: 20.48 kB
Documents: 10
Avg. document size: 53.00 B
Indexes: 1
Total index size: 36.86 kB

collection2
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection3
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection4

My Queries

Databases

Tennis

admin

config

local

portfolio_project

- collection1
- collection2
- collection3
- collection4
- collection5

```
>_MONGOSH
>db.collection1.find().limit(5)
< {
  _id: ObjectId('661859d81118bcead56463'),
  name: 'Document1',
  value: 19
}
{
  _id: ObjectId('66185a281118bcead56464'),
  name: 'Document2',
  value: 20
}
```

5°C Cloudy

Search

ENG US

4:14 PM 2024-04-05

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31x1rz....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1
Storage size: 20.48 kB
Documents: 10
Avg. document size: 53.00 B
Indexes: 1
Total index size: 36.86 kB

collection2
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection3
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection4
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

My Queries Performance Databases

Search

Tennis admin config local portfolio_project

collection1 collection2 collection3 collection4 collection5

```
>_MONGOSH
{
  "name": "DOCUMENT1",
  "value": 5
}
{
  "_id": ObjectId('66185a981118bcceald56467'),
  "name": "Document5",
  "value": 5
}
Atlas atlas-thq5so-shard-0 [primary] portfolio_project>
```

5°C Cloudy

Search

ENG US

4:14 PM 2024-04-05

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31x1rz....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1
Storage size: 20.48 kB
Documents: 10
Avg. document size: 53.00 B
Indexes: 1
Total index size: 36.86 kB

collection2
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection3
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

collection4
Storage size: 4.10 kB
Documents: 0
Avg. document size: 0 B
Indexes: 1
Total index size: 4.10 kB

My Queries Performance Databases

Search

Tennis admin config local portfolio_project

collection1 collection2 collection3 collection4 collection5

```
>_MONGOSH
> db.collection1.deleteOne({name: "Document1"})
Error: read ECONNRESET
> db.collection1.deleteOne({name: "Document1"})
{
  acknowledged: true,
  deletedCount: 1
}
Atlas atlas-thq5so-shard-0 [primary] portfolio_project>
```

5°C Cloudy

Search

ENG US

4:16 PM 2024-04-05

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31x1rz....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1				
Storage size: 20.48 kB	Documents: 10	Avg. document size: 53.00 B	Indexes: 1	Total index size: 36.86 kB

collection2				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection3				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection4

My Queries Performance Databases

Search

- Tennis
- admin
- config
- local
- portfolio_project
 - collection1
 - collection2
 - collection3
 - collection4
 - collection5

```
>_MONGOSH
acknowledged: true,
deletedCount: 0
}
> db.collection1.deleteMany({value: {$lt: 5}})
< {
  acknowledged: true,
  deletedCount: 0
}
Atlas atlas-thq5so-shard-0 [primary] portfolio_project>
```

5°C Cloudy Search ENG US 4:17 PM 2024-04-05

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31x1rz....

My Queries portfolio_project

+ Create collection Refresh

View Sort by Collection Name

collection1				
Storage size: 20.48 kB	Documents: 10	Avg. document size: 53.00 B	Indexes: 1	Total index size: 36.86 kB

collection2				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection3				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection4

My Queries Performance Databases

Search

- Tennis
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 - collection1
 - collection2
 - collection3
 - collection4
 - collection5

```
>_MONGOSH
db.collection1.find({name: "Document1"}).explain("executionStats")
< {
  explainVersion: '1',
  queryPlanner: {
    namespace: 'portfolio_project.collection1',
    indexFilterSet: false,
    parsedQuery: {
      name: {
        $eq: 'Document1'
      }
    }
  }
}
```

5°C Cloudy Search ENG US 4:18 PM 2024-04-05

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project

Connect Edit View Help

cluster0.g31x1rz....

My Queries Performance Databases Search

Tennis admin config local portfolio_project collection1 collection2 collection3 collection4 collection5

+ Create collection Refresh View Sort by Collection Name

collection1				
Storage size: 20.48 kB	Documents: 10	Avg. document size: 53.00 B	Indexes: 1	Total index size: 36.86 kB

collection2				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection3				
Storage size: 4.10 kB	Documents: 0	Avg. document size: 0 B	Indexes: 1	Total index size: 4.10 kB

collection4

```
>_MONGOSH
clusterTime: Timestamp('2024-04-05T14:05:11.000Z')
signature: {
  hash: Binary.createFromBase64('5bVx2fv2IDY4v4CuT1ZnzASntMc=', 0),
  keyId: 7306601060601627000
},
operationTime: Timestamp('2024-04-05T14:05:11.000Z')
Atlas atlas-thq5so-shard-0 [primary] portfolio_project>
```

5°C Mostly cloudy 4:18 PM 2024-04-05

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project.collection1

Connect Edit View Collection Help

cluster0.g31x1rz....

My Queries Performance Databases Search

Tennis admin config local portfolio_project collection1 collection2 collection3 collection4 collection5

portfolio_project > collection1

Documents 10 Aggregations Schema Indexes 1 Validation

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

EXPLAIN RESET FIND UPDATE DELETE 1 - 9 of 9

```
{ "_id": ObjectId("66105a281118bcead56464"),
  "name": "Document2",
  "value": 5 }
{ "_id": ObjectId("66105a281118bcead56465"),
  "name": "Document3",
  "value": 5 }
{ "_id": ObjectId("66105a981118bcead56466"),
  "name": "Document4",
  "value": 5 }
```

```
>_MONGOSH
db.collection1.createIndex({value: 1})
MongoServerError: connect ETIMEDOUT 20.104.48.20:27017
> db.collection1.createIndex({name: 1})
db.collection1.createIndex({value: 1})
< value_1
> db.collection1.createIndex({name: 1})
db.collection1.createIndex({value: 1})
< value_1
Atlas atlas-thq5so-shard-0 [primary] portfolio_project>
```

5°C Cold weather 4:24 PM 2024-04-05

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project.collection1

Connect Edit View Collection Help

cluster0.g31x1rz....

My Queries Performance Databases Search

portfolio_project > collection1

Documents 10 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1 - 9 of 9

```
{ "_id": ObjectId("66105a281118bcead56464"), "name": "Document2", "value": 5 }
```

```
{ "_id": ObjectId("66105a281118bcead56465"), "name": "Document3", "value": 5 }
```

```
{ "_id": ObjectId("66105a981118bcead56466"), "name": "Document4", "value": 5 }
```

```
>_MONGOSH
> db.collection1.createIndex({name: 1})
db.collection1.createIndex({value: 1})
< value_1
> db.collection1.createIndex({name: 1})
db.collection1.createIndex({value: 1})
< value_1
> db.collection1.find({name: "Document1"}).explain("executionStats")
< {
  explainVersion: '11'
}
```

9°C Mostly cloudy

MongoDB Compass - cluster0.g31x1rz.mongodb.net/portfolio_project.collection1

Connect Edit View Collection Help

cluster0.g31x1rz....

My Queries Performance Databases Search

portfolio_project > collection1

Documents 10 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1 - 9 of 9

```
{ "_id": ObjectId("66105a281118bcead56464"), "name": "Document2", "value": 5 }
```

```
{ "_id": ObjectId("66105a281118bcead56465"), "name": "Document3", "value": 5 }
```

```
{ "_id": ObjectId("66105a981118bcead56466"), "name": "Document4", "value": 5 }
```

```
>_MONGOSH
{
  maxScansToExhaustReached: false,
  winningPlan: {
    stage: 'FETCH',
    inputStage: {
      stage: 'IXSCAN',
      keyPattern: {
        name: 1
      },
    },
  },
}
```

USD/CAD +0.36%