

Score management

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The screenshot displays the MongoDB Compass web interface. The left sidebar shows a tree view of databases and collections. The main panel shows the 'gradingSystem' database with two collections: 'assignments' and 'courses'. Each collection has a table with columns: Storage size, Documents, Avg. document size, Indexes, and Total index size. The 'assignments' collection has 0 documents and 1 index. The 'courses' collection has 0 documents and 1 index. The bottom panel shows a terminal window with the following commands:

```
> use gradingSystem
> switched to db gradingSystem
> db.createCollection("students");
> db.createCollection("courses");
> db.createCollection("grades");
> db.createCollection("teachers");
> db.createCollection("assignments");
{ ok: 1 }
```

MongoDB Compass - harrysharma.f63ub63.mongodb.net/gradingSystem.students

Connect Edit View Collection Help

harrysharma.f6... ...

My Queries Performance Databases +

gradingSystem +

- assignments
- courses
- grades
- students** ...

gradingSystem > students

Documents 0 Aggregations Schema Indexes 1 Validation

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

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

```
{
  _id: 1,
  name: "John Doe",
  age: 18,
  email: "johndoe@example.com"
}
```

>_MONGOSH

```
> db.students.insertOne({
  _id: 1,
  name: "John Doe",
  age: 18,
  email: "johndoe@example.com"
});
< {
  acknowledged: true,
  insertedId: 1
}
```

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Search

MongoDB Compass - harrysharma.f63ub63.mongodb.net/gradingSystem.students

Connect Edit View Collection Help

harrysharma.f6... ...

My Queries Performance Databases +

config course-management gradingSystem assignments

gradingSystem > students

Documents 1 Aggregations Schema Indexes 1 Validation

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

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

1-1 of 1 [Find](#) [Options](#)

```
{
  _id: 1,
  name: "John Doe",
  age: 18,
  email: "johndoe@example.com"
}
```

>_MONGOSH

```
{ $set: { age: 19 } }
};
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-u35045-shard-0 [primary] gradingSystem>
```

5°C Cloudy

Search

06-04-2024

MongoDB Compass - harrysharma.f6...
Connect Edit View Collection Help

harrysharma.f6...
My Queries Performance Databases Search config course_management gradingSystem assignments courses grades students

gradingSystem > students
Documents | Aggregations Schema Indexes Validation

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

ADD DATA EXPORT DATA UPDATE DELETE 1-1 of 1

```
{
  "_id": 1,
  "name": "John Doe",
  "age": 18,
  "email": "johndoe@example.com"
}
```

> MONODSH
> db.students.findOne({ _id: 1 });
< {
 "_id": 1,
 "name": "John Doe",
 "age": 18,
 "email": "johndoe@example.com"
}

MongoDB Compass - harrysharma.f6...
Connect Edit View Collection Help

harrysharma.f6...
My Queries Performance Databases Search config course_management gradingSystem assignments courses grades students

gradingSystem > students
Documents | Aggregations Schema Indexes Validation

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

ADD DATA EXPORT DATA UPDATE DELETE 1-1 of 1

```
{
  "_id": 1,
  "name": "John Doe",
  "age": 18,
  "email": "johndoe@example.com"
}
```

> MONODSH
> db.students.findOne().pretty();
< {
 "_id": 1,
 "name": "John Doe",
 "age": 18,
 "email": "johndoe@example.com"
}

MongoDB Compass - harrysharma.f6...
Connect Edit View Collection Help

harrysharma.f6...
My Queries Performance Databases Search
config course_management gradingSystem assignments courses grades students

gradingSystem > students
Documents | Aggregations Schema Indexes Validation
Type a query: { field: 'value' } or Generate query
Explain Reset Find Options
ADD DATA EXPORT DATA UPDATE DELETE
0 - 0 of 0

This collection has no data

```
> MONODSH
> db.students.deleteOne({ _id: 1 });
{
  acknowledged: true,
  deletedCount: 1
}
Atlas atlas-u35045-shard-0 [primary] gradingSystem>
```

5°C Cloudy Search 03:04 06-04-2024

MongoDB Compass - harrysharma.f6...
Connect Edit View Collection Help

harrysharma.f6...
My Queries Performance Databases Search
config course_management gradingSystem assignments courses grades students

gradingSystem > students
Documents | Aggregations Schema Indexes Validation
Type a query: { field: 'value' } or Generate query
Explain Reset Find Options
ADD DATA EXPORT DATA UPDATE DELETE
0 - 0 of 0

This collection has no data

```
> MONODSH
> db.students.deleteMany({ age: { $lt: 18 } });
{
  acknowledged: true,
  deletedCount: 0
}
Atlas atlas-u35045-shard-0 [primary] gradingSystem>
```

5°C Cloudy Search 03:05 06-04-2024

