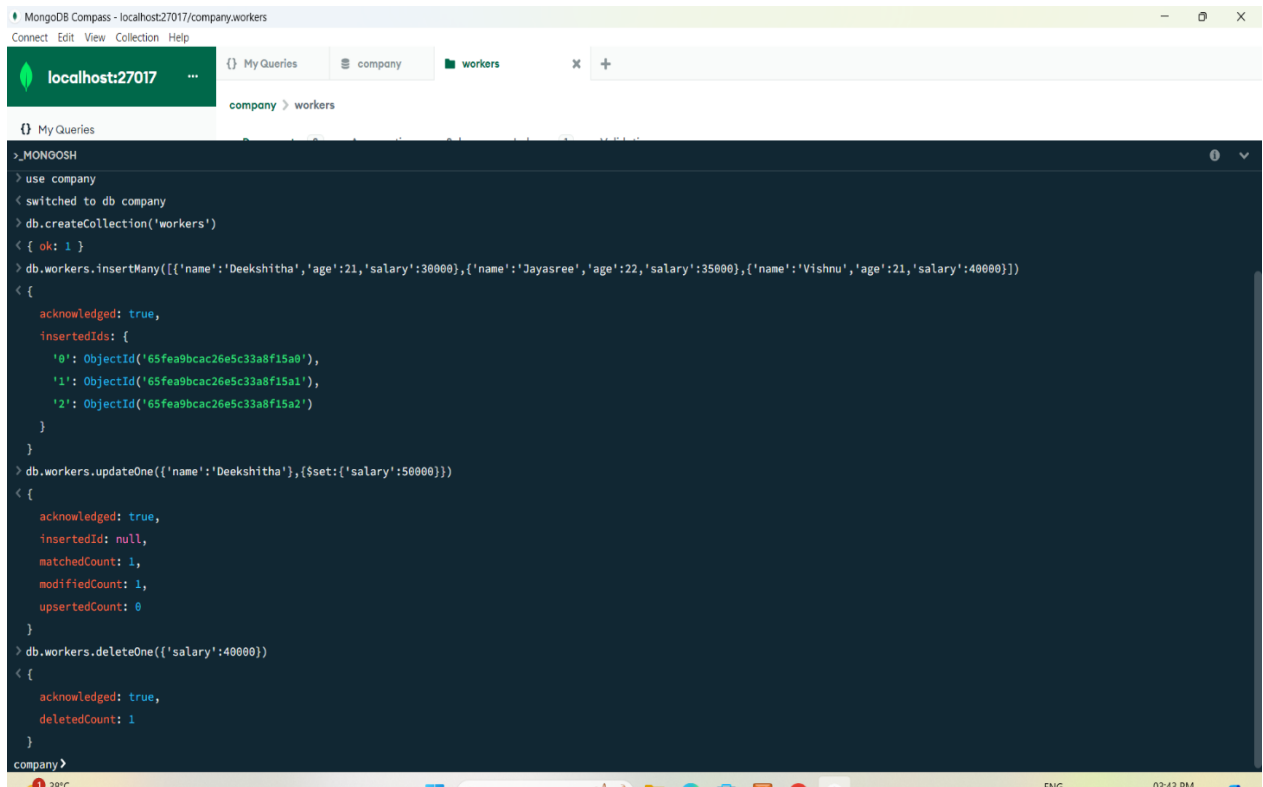


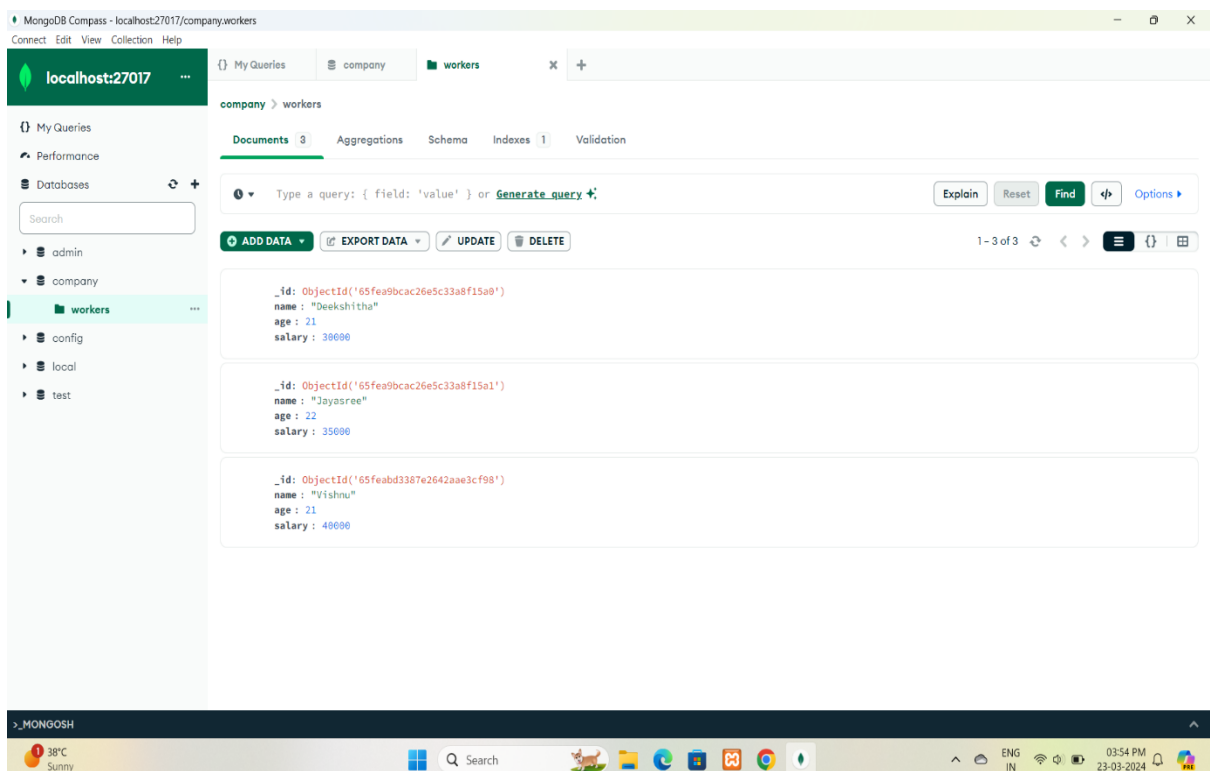
Creating a Database using MongoDB and Mongosh



The screenshot shows the MongoDB Compass interface at the top, displaying the 'company' database and 'workers' collection. Below it, a terminal window runs the following commands:

```
>_MONGOSH
> use company
< switched to db company
> db.createCollection('workers')
< { ok: 1 }
> db.workers.insertMany([{'name':'Deekshitha','age':21,'salary':30000},{'name':'Jayasree','age':22,'salary':35000},{'name':'Vishnu','age':21,'salary':40000}])
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('65fea9bcac26e5c33a8f15a0'),
    '1': ObjectId('65fea9bcac26e5c33a8f15a1'),
    '2': ObjectId('65fea9bcac26e5c33a8f15a2')
  }
}
> db.workers.updateOne({'name':'Deekshitha'},{$set:{'salary':50000}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
> db.workers.deleteOne({'salary':40000})
< {
  acknowledged: true,
  deletedCount: 1
}
company>
```

Document insertion



The screenshot shows the MongoDB Compass interface for the 'company' database and 'workers' collection. The 'Documents' tab is active, displaying three documents:

```
{ "_id": ObjectId("65fea9bcac26e5c33a8f15a0"), "name": "Deekshitha", "age": 21, "salary": 30000 }
```

```
{ "_id": ObjectId("65fea9bcac26e5c33a8f15a1"), "name": "Jayasree", "age": 22, "salary": 35000 }
```

```
{ "_id": ObjectId("65feabd3387e2642aae3cf98"), "name": "Vishnu", "age": 21, "salary": 40000 }
```

The interface includes a search bar, a query editor, and buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE'. The bottom status bar shows the system time as 03:54 PM on 23-03-2024.

Update operation

MongoDB Compass - localhost:27017/company.workers

Connect Edit View Collection Help

localhost:27017

My Queries Performance Databases Search

admin company workers config local test

company > workers

Documents 3 Aggregations Schema Indexes 1 Validation

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

Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1 - 3 of 3

```
{ "_id": ObjectId("65fea9bcac26e5c33a8f15a9"), "name": "Deekshitha", "age": 21, "salary": 50000 }
```

```
{ "_id": ObjectId("65fea9bcac26e5c33a8f15a1"), "name": "Jayasree", "age": 22, "salary": 35000 }
```

```
{ "_id": ObjectId("65feabd3387e2642aae3cf98"), "name": "Vishnu", "age": 21, "salary": 40000 }
```

> MONGODB

deletion operation

MongoDB Compass - localhost:27017/company.workers

Connect Edit View Collection Help

localhost:27017

My Queries Performance Databases Search

admin company workers config local test

company > workers

Documents 2 Aggregations Schema Indexes 1 Validation

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

Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1 - 2 of 2

```
{ "_id": ObjectId("65fea9bcac26e5c33a8f15a9"), "name": "Deekshitha", "age": 21, "salary": 50000 }
```

```
{ "_id": ObjectId("65fea9bcac26e5c33a8f15a1"), "name": "Jayasree", "age": 22, "salary": 35000 }
```

> MONGODB

Index creation

MongoDB Compass - localhost:27017/company.workers

Connect Edit View Collection Help

localhost:27017

My Queries company workers test workers

company > workers

Documents 3 Aggregations Schema **Indexes 1** Validation

Create Index Refresh

VIEWING INDEXES SEARCH INDEXES

Name and Definition	Type	Size	Usage	Properties
▼ _id ↑ _id ↑	REGULAR ⓘ	36.9 KB	6 (since Sat Mar 23 2024)	UNIQUE ⓘ
▼ name_1 ↑ name ↑	REGULAR ⓘ	20.5 KB	0 (since Sat Mar 23 2024)	
▼ salary_1 ↑ salary ↑	REGULAR ⓘ	20.5 KB	0 (since Sat Mar 23 2024)	UNIQUE ⓘ

> MONGOSH

USD/INR

04:13 PM