











Activities Jul 18 17:04 main.ts - Instagram - Visual Studio Code

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EXPLORER

- INSTAGRAM
 - node_modules
 - src
 - database
 - connection.ts
 - Models
 - user.model.ts
 - main.ts
 - package-lock.json
 - package.json

main.ts

```
1 import express from 'express';
2 import { connectToDatabase } from './src/database/connection';
3 import { UserModel } from './src/Models/user.model';
4 const mongoose = require('mongoose');
5
6 /*Error*/const UserModel = require('./Models/user.model');
7 const app = express();
8 app.use(express.json());
9
10 connectToDatabase();
11
12 UserModel({
13   id: 1,
14   user_name: "ritvik sahu",
15   first_name: "ritvik",
16   last_name: "sahu",
17   bio: "ritvik bio"
18 }).save()
19
20
21 const port = 3000;
22 app.listen(port, async () => {
23   console.log('listening on 3000');
24 });
25
26
27
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

admin2@admin-HP-EliteBook:~/Desktop/Instagram\$ ts-node main.ts

listening on 3000
Connected to MongoDB

Ln 6, Col 61 Spaces: 4 UTF-8 LF TypeScript Go Live

Activities NoSQLBooster for MongoDB Jul 18 18:04

mydb:usermodels@localhost_1 (1) - NoSQLBooster for MongoDB

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Connect Run Debug Stop Import Export Monitoring Tasks DataGen Schema

Open Connections

- localhost_1
 - admin
 - config
 - local
 - mydb (7)
 - assignment (6)
 - assignment1 (4)
 - schema
 - validator (empty)
 - indexes (1)
 - _id_ (36.0KB)
 - RecordsDB (1)
 - students (1)
 - user (4)
 - usermodels (4)
 - schema
 - validator (empty)
 - indexes (1)
 - users
 - users

```
1
2
3 // If multiple document satisfy the query , this method
4 //return the first document
5
6
7 db.usermodels.findOne({"first_name" : "Ritvik"})
8 // db.usermodels.find({})
9 // .projection({})
10 // .sort({_id:-1})
11 // .limit(100)
```

0.033 s

Key	Value	Type
1) 64b67e562eb39f4d327ab4a	{ user_name : "Ritvik_sahu", first_name : "Ritvik", last_name : "Sahu", bio : "Ritvik bio" } (5 fields)	Document
_id	64b67e562eb39f4d327ab4a	ObjectId
bio	Ritvik bio	String
first_name	Ritvik	String
last_name	Sahu	String
user_name	Ritvik_sahu	String

My Queries Samples

- My Queries
 - localhost_1
 - mydb
 - assignment_query.js

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mydb:usermodels@localhost_1 - NoSQLBooster for MongoDB

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Connect Run Debug Stop Import Export Monitoring Tasks DataGen Schema

Open Connections

- localhost_1
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 - RecordsDB (1)
 - students (1)
 - user (4)
 - usermodels (3)
 - users

```
26 //      user_name : "Ritvik_sahu",
27 //      first_name : "Ritvik",
28 //      last_name : "Sahu",
29 //      bio : "Ritvik bio"
30 //
31 //    }
32 //  ]
33
34 // const filter = {user_name : 'Apurv_07'}
35
36 // const update = {
37 //   $set : {
38 //     'bio' : 'Apurv bio changed'
39 //   }
40 // };
41
42 // db.usermodels.updateOne('bio':'Apurv bio'),
43 // {$set:{'bio':'New apurv bio'}}
44
45
46 db.usermodels.find({'first_name': 'Apurv'})
47
48
49 // db.usermodels.find({})
50 // .projection({})
51 // .sort({_id:-1})
52 // .limit(100)
```

usermodels 0.038 s 1 Doc

_id	bio	first_name	last_name	user_name
1 64567a562eb984d22	New apurv bio	Apurv	Duboy	Apurv_07

My Queries Samples

- My Queries
 - localhost_1
 - mydb
 - assignment_query.js

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Activities NoSQLBooster for MongoDB Jul 18 17:21 mydb:usermodels@localhost_1 - NoSQLBooster for MongoDB

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Run Debug Stop

mydb:usermodels@localhost_1

localhost_1

- admin
- config
- local
- mydb (7)
 - assignment (5)
 - assignment1 (4)
 - RecordsDB (1)
 - students (1)
 - user (4)
 - usermodels (3)
- users

```
1 // db.usermodels.insertOne({
2
3 //   user_name : "shashankSrivastava",
4 //   first_name : "Shashank",
5 //   last_name : "Srivastava",
6 //   bio : "Shashank bio"
7 // })
8
9
10 db.usermodels.deleteMany({})
11
12
13
14
15
16 db.usermodels.find({})
17   .projection({})
18   .sort({_id:-1})
19   .limit(100)
```

Line 10 db.usermodels.deleteMany({}) Line 16 db.usermodels.find({})

Go to line 16 usermodels 0 Doc

No records found

My Queries Samples

- My Queries
 - localhost_1
 - mydb
 - assignment_query.js

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Activities NoSQLBooster for MongoDB Jul 18 18:14

mydb:usermodels@localhost_1 (1) - NoSQLBooster for MongoDB

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Connect Run Debug Stop Import Export Monitoring Tasks DataGen Schema

Open Connections

localhost_1

- admin
- config
- local
- mydb (7)
 - assignment (6)
 - assignment1 (4)
 - schema
 - validator (empty)
 - indexes (1)
 - _id_ (36.0KB)
- RecordsDB (1)
- students (1)
- user (4)
- usermodels (3)
 - schema
 - validator (empty)
 - indexes (1)
 - _id_ (36.0KB)
- users
- users

```
1
2
3 // If multiple document satisfy the query , this method
4 //return the first document
5
6
7 // db.usermodels.findOne({"first_name" : "Ritvik"})
8
9
10 // db.usermodels.replaceOne(bio: "Shashank bio"),(bio : "shashank bio replaced")
11
12
13
14 db.usermodels.deleteOne(bio : "shashank bio replaced")
15
16
17 db.usermodels.find({})
18   .projection({})
19   .sort({_id:-1})
20   .limit(100)
```

Line 14 db.usermodels.deleteOne(bio : "shashank bio replaced")

Line 17 db.usermodels.find({})

Go to line 17 usemodels 3 Docs

	_id	bio	first_name	last_name	user_name
1	64b683b2ab08f4d27	Reviv second bio	Ritvik	sahu	Ritvik_sahu2
2	64b67e562ab08f4d27	Ritvik bio	Ritvik	Sahu	Ritvik_sahu
3	64b67e562ab08f4d27	New apurv bio	Apurv	Dubey	Apurv_07

My Queries Samples

My Queries

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- mydb
- assignment_query.js

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Activities NoSQLBooster for MongoDB Jul 18 17:28 mydb:usermodels@localhost_1 - NoSQLBooster for MongoDB

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Connect Run Debug Stop Import Export Monitoring Tasks DataGen Schema

Open Connections

- localhost_1
 - admin
 - config
 - local
 - mydb (7)
 - assignment (5)
 - assignment1 (4)
 - RecordsDB (1)
 - students (1)
 - user (4)
 - usermodels (3)
 - users

```
11
12 db.usermodels.insertMany([
13 {
14   user_name : "Apurv_07",
15   first_name : "Apurv",
16   last_name : "Dubey",
17   bio : "Apurv bio"
18 },
19 {
20   user_name : "shashankSrivastava",
21   first_name : "Shashank",
22   last_name : "Srivastava",
23   bio : "Shashank bio"
24 },
25 {
26   user_name : "Ritvik_sahu",
27   first_name : "Ritvik",
28   last_name : "Sahu",
29   bio : "Ritvik bio"
30 }
31 ])
32
33
34
35
36
37
38 db.usermodels.insertMany([
39 {
40   user_name : "Apurv_07",
41   first_name : "Apurv",
42   last_name : "Dubey",
43   bio : "Apurv bio"
44 },
45 {
46   user_name : "shashankSrivastava",
47   first_name : "Shashank",
48   last_name : "Srivastava",
49   bio : "Shashank bio"
50 },
51 {
52   user_name : "Ritvik_sahu",
53   first_name : "Ritvik",
54   last_name : "Sahu",
55   bio : "Ritvik bio"
56 }
57 ])
```

Go to line 34 usermodels 3 Docs

	_id	bio	first_name	last_name	user_name
1	64667e562db3884d627	Ritvik bio	Ritvik	Sahu	Ritvik_sahu
2	64667e562db3884d627	Shashank bio	Shashank	Srivastava	shashankSrivastava
3	64667e562db3884d627	Apurv bio	Apurv	Dubey	Apurv_07

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- My Queries
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 - assignment_query.js

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Activities NoSQLBooster for MongoDB Jul 18 17:51

mydb:usermodels@localhost_1 - NoSQLBooster for MongoDB

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Connect Run Debug Stop Import Export Monitoring Tasks DataGen Schema

Open Connections

localhost_1

- admin
- config
- local
- mydb (7)
 - assignment (5)
 - assignment1 (4)
 - RecordsDB (1)
 - students (1)
 - user (4)
 - usermodels (4)
 - users

mydb

```
50 db.usermodels.insertOne({
51   user_name : "Ritvik sahu2",
52   first_name : "Ritvik",
53   last_name : "sahu",
54   bio : "Ritvik second bio"
55 })
56
```

Line 50 db.usermodels.insert... Line 53 db.usermodels.find(...)

Go to line 53 usermodels 4 Docs

id	bio	first_name	last_name	user_name
1	64067e562eb3b84dd27 Ritvik second bio	Ritvik	sahu	Ritvik_sahu2
2	64067e562eb3b84dd27 Ritvik bio	Ritvik	Sahu	Ritvik_sahu
3	64067e562eb3b84dd27 Shashank bio	Shashank	Srivastava	shashankSrivastava
4	64067e562eb3b84dd27 New apurv bio	Apurv	Dubey	Apurv_07

My Queries Samples

My Queries

- localhost_1
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 - assignment_query.js

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Activities NoSQLBooster for MongoDB Jul 18 18:11

mydb:usermodels@localhost_1 (1) - NoSQLBooster for MongoDB

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Connect Run Debug Stop Import Export Monitoring Tasks DataGen Schema

Open Connections

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 - assignment1 (4)
 - schemas
 - validator (empty)
 - indexes (1)
 - _id_ (35.0KB)
 - RecordsDB (1)
 - students (1)
 - user (4)
 - usermodels (4)
 - schemas
 - validator (empty)
 - indexes (1)
 - _id_ (35.0KB)
 - users

```
1
2
3 // If multiple document satisfy the query , this method
4 //return the first document
5
6
7 // db.usermodels.findOne({"first_name" : "Ritvik"})
8
9
10 db.usermodels.replaceOne({"bio": "Shashank bio"}, {"bio": "shashank bio replaced"})
11
12
13 db.usermodels.find({})
14   .projection({})
15   .sort({_id:-1})
16   .limit(100)
```

Line 10 db.usermodels.replaceOne... Line 13 db.usermodels.find(...)

Go to line 13 usemodels 4 Docs

	_id	bio	first_name	last_name	user_name
1	64b683b2eb3b84da27	Review second bio	Ritvik	sahu	Ritvik_sahu2
2	64b67e562eb3b84da27	Ritvik bio	Ritvik	Sahu	Ritvik_sahu
3	64b67e562eb3b84da27	shashank bio replaced			
4	64b67e562eb3b84da27	New apurv bio	Apurv	Dubey	Apurv_07

My Queries Samples

- My Queries
 - localhost_1
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 - assignment_query.js

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Activities NoSQLBooster for MongoDB Jul 18 17:43

mydb:usermodels@localhost_1 - NoSQLBooster for MongoDB

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Connect Run Debug Stop Import Export Monitoring Tasks DataGen Schema

Open Connections

- localhost_1
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 - mydb (7)
 - assignment (5)
 - assignment1 (4)
 - RecordsDB (1)
 - students (1)
 - user (4)
 - usermodels (3)
 - users

```
26 //      user_name : "Ritvik_sahu",
27 //      first_name : "Ritvik",
28 //      last_name : "Sahu",
29 //      bio : "Ritvik bio"
30 //
31 //    }
32 //  ]
33
34 // const filter = {user_name : 'Apurv_07'}
35
36 // const update = {
37 //   $set : {
38 //     'bio' : 'Apurv bio changed'
39 //   }
40 // };
41
42 db.usermodels.update( {'bio':'Apurv bio'},
43   { $set: {'bio': 'new apurv bio'}} )
44
45
46
47
48
49 db.usermodels.find({})
50 .projection({})
51 .sort({_id:-1})
52 .limit(100)
```

Console

Go to line 49 usermodels 3 Docs

	_id	bio	first_name	last_name	user_name
1	64b67e562eb38f4d27f7e61b0	Ritvik bio	Ritvik	Sahu	Ritvik_sahu
2	64b67e562eb38f4d27f7e61b1	Shashank bio	Shashank	Srivastava	shashankSrivastava
3	64b67e562eb38f4d27f7e61b2	New apurv bio	Apurv	Dubey	Apurv_07

My Queries Samples

- My Queries
 - localhost_1
 - mydb
 - assignment_query.js

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