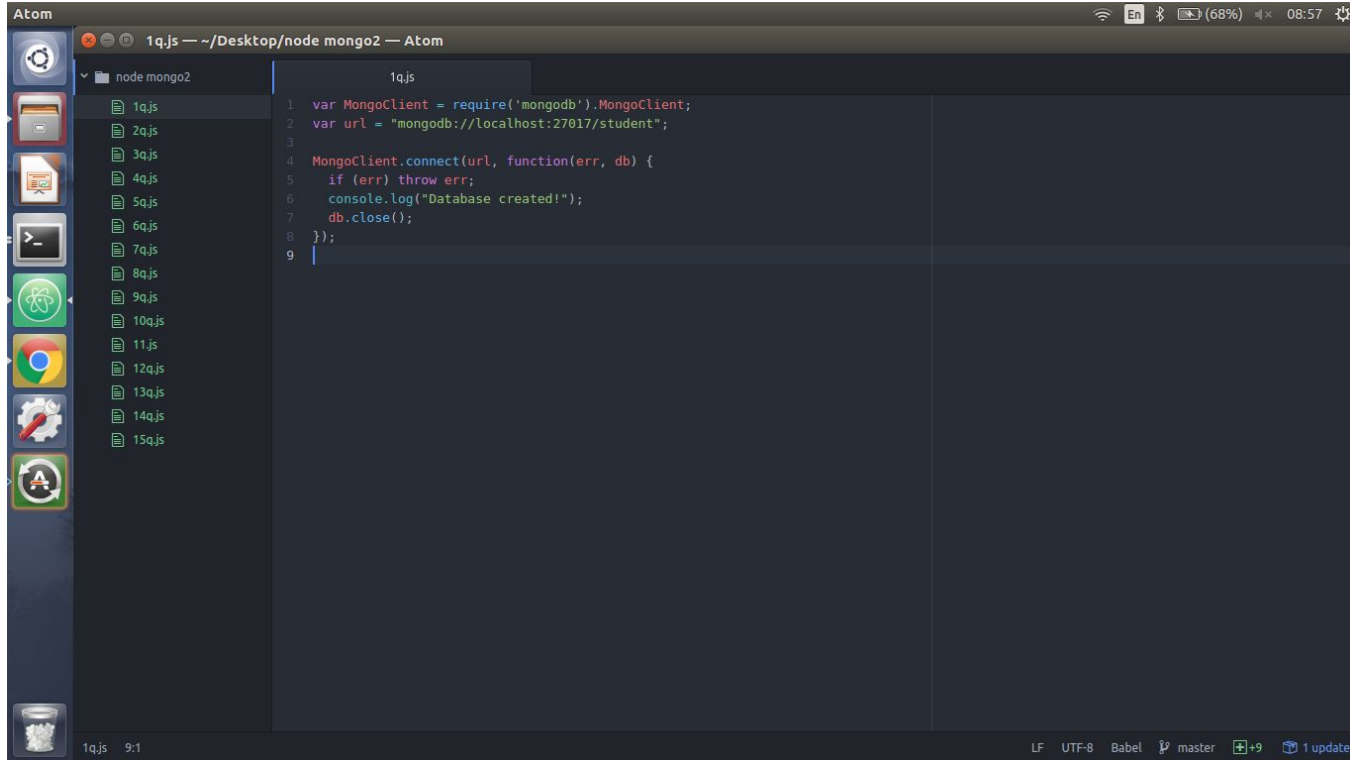


Node mongodb exercise 2

Create a Database called student



```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/student";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   console.log("Database created!");
7   db.close();
8 });
9
```

ukistu15@ukipc15: ~/Desktop/node mongo2

Wi-Fi En Bluetooth (68%) 08:57

bash: /home/ukistu15/mongodb/bin: No such file or directory

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 1q.js

(node:4633) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

Database created!

ukistu15@ukipc15:~/Desktop/node mongo2\$

```
function(err, db) {
  if (err) throw err;
  console.log("Database created!");
  db.close();
}
9
```

4q.js

5q.js

6q.js

7q.js

8q.js

9q.js

10q.js

11.js

12q.js

13q.js

14q.js

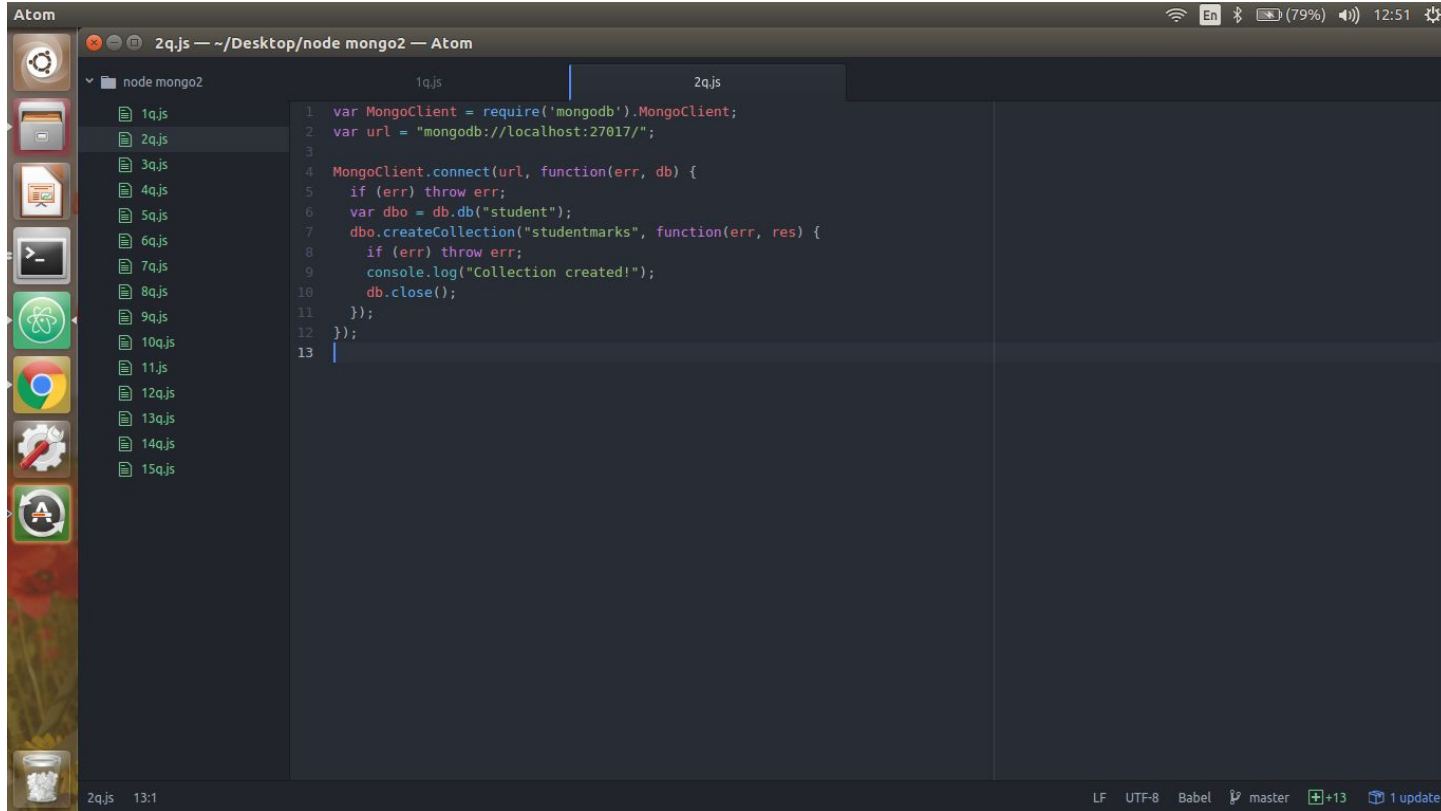
15q.js

1q.js 9:1

LF UTF-8 Babel master +9 1 update

```
ukistu15@ukipc15: ~  
ukistu15@ukipc15: ~  
ukistu15@ukipc15: ~  
ed, start the server with --bind_ip 127.0.0.1 to disable this warning.  
2020-01-31T08:54:38.126+0530 I CONTROL [initandlisten]  
2020-01-31T08:54:38.126+0530 I CONTROL [initandlisten]  
2020-01-31T08:54:38.126+0530 I CONTROL [initandlisten]  
2020-01-31T08:54:38.126+0530 I CONTROL [initandlisten] ** WARNING: /sys/kernel/mm/transparent_hugepage/enabled is 'always'.  
We suggest setting it to 'never'  
2020-01-31T08:54:38.127+0530 I CONTROL [initandlisten]  
> shoe dbs  
2020-01-31T08:55:19.606+0530 E QUERY [thread1] SyntaxError: missing ; before statement @(shell):1:5  
> show dbs  
Blogs 0.000GB  
Tododb 0.000GB  
admin 0.000GB  
examela 0.000GB  
local 0.000GB  
music 0.000GB  
person 0.000GB  
student 0.000GB  
test 0.000GB  
> show dbs  
Blogs 0.000GB  
Tododb 0.000GB  
admin 0.000GB  
examela 0.000GB  
local 0.000GB  
music 0.000GB  
person 0.000GB  
student 0.000GB  
test 0.000GB  
> |
```

2) Create a collection called studentmarks



```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   dbo.createCollection("studentmarks", function(err, res) {
8     if (err) throw err;
9     console.log("Collection created!");
10    dbo.close();
11  });
12 });
13
```

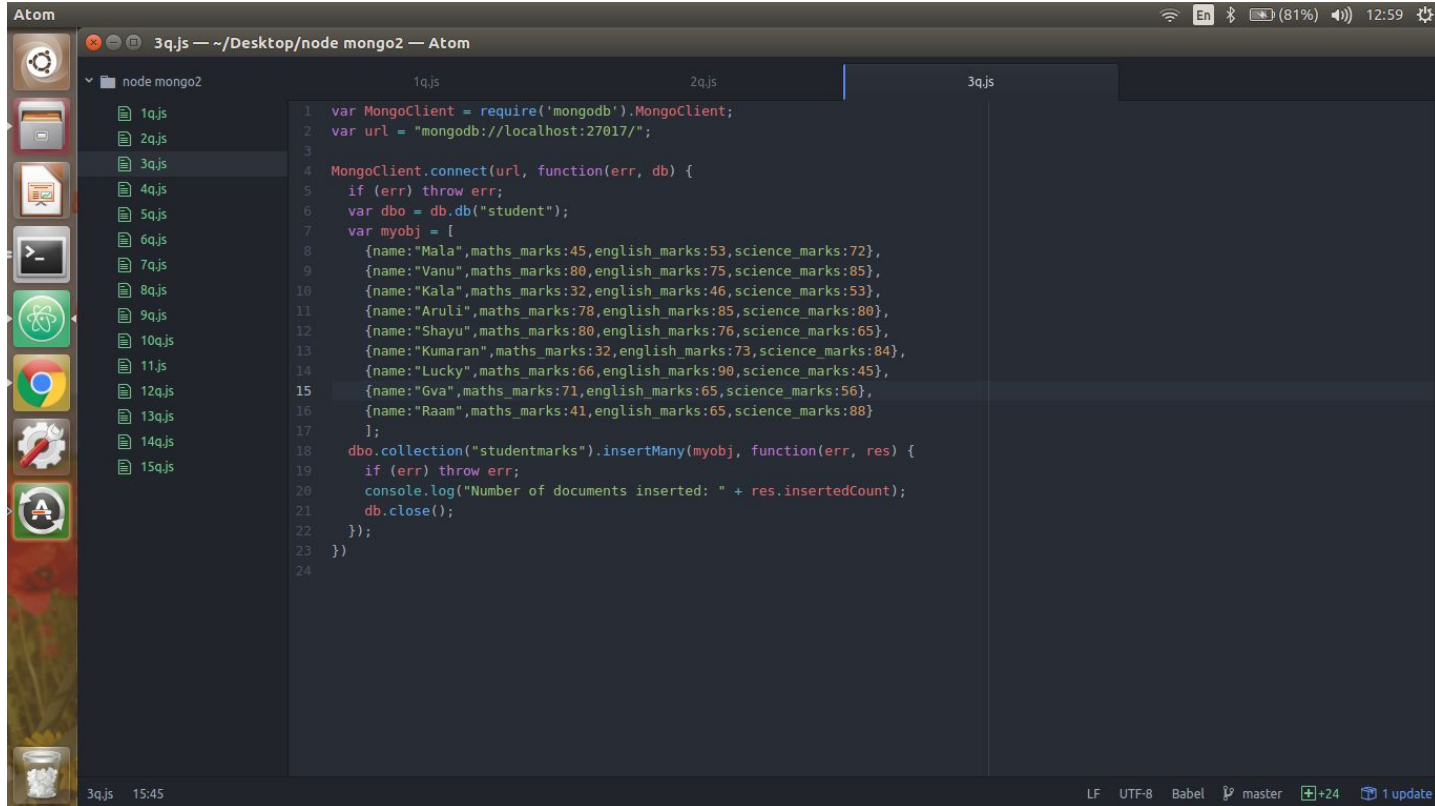
ukistu15@ukipc15: ~

Wi-Fi En (79%) 12:48

ukistu15@ukipc15: ~

```
> show collections /Desktop/node mongo2$ node 1q.js
studentmarks
DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in
a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to t
he MongoClient constructor.
Database created!
ukistu15@ukipc15:~/Desktop/node mongo2$ node 2q.js
(node:7052) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in
a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to t
he MongoClient constructor.
Collection created!
ukistu15@ukipc15:~/Desktop/node mongo2$
```

3) Create the documents listed in above table.



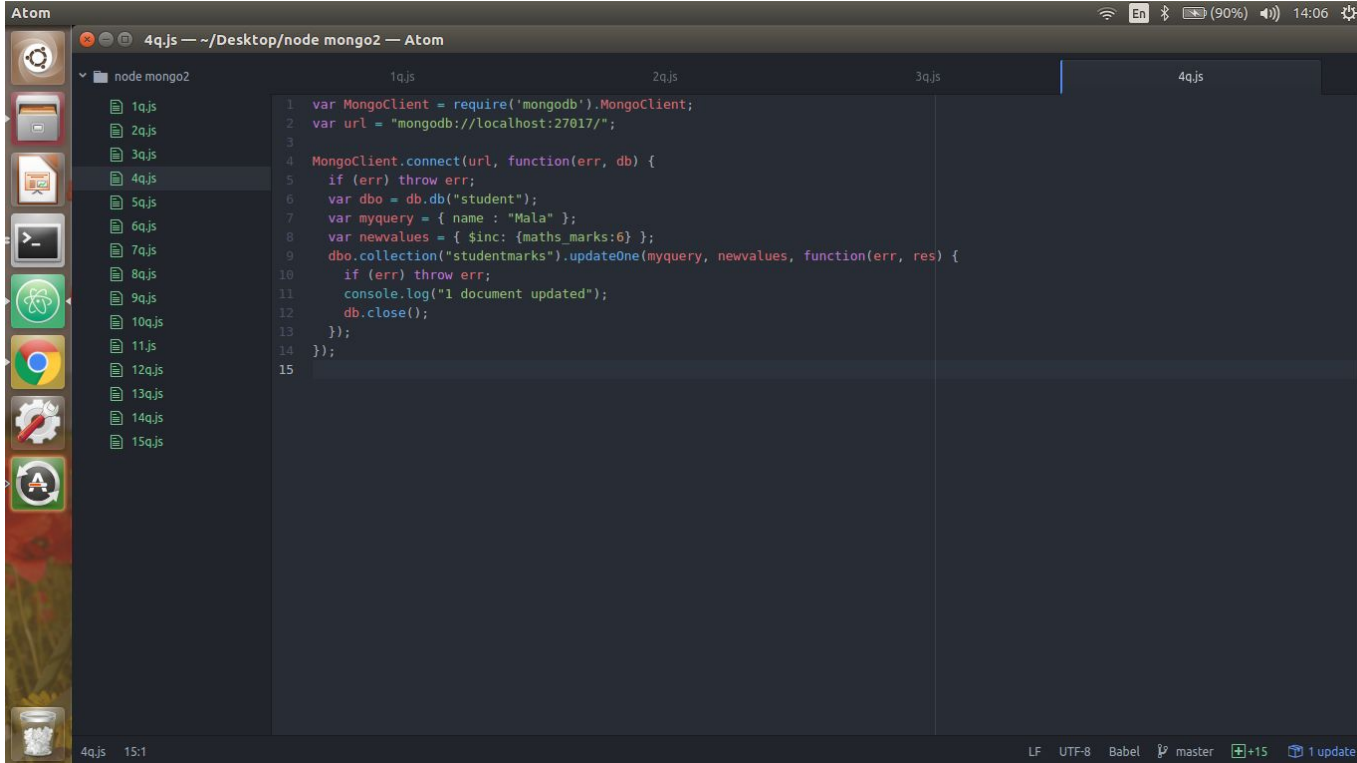
The screenshot shows the Atom code editor with a file named `3q.js` open. The file is located in the directory `~/Desktop/node mongo2`. The code in `3q.js` is as follows:

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   var myobj = [
8     {name:"Mala",maths_marks:45,english_marks:53,science_marks:72},
9     {name:"Vanu",maths_marks:80,english_marks:75,science_marks:85},
10    {name:"Kala",maths_marks:32,english_marks:46,science_marks:53},
11    {name:"Aruli",maths_marks:78,english_marks:85,science_marks:80},
12    {name:"Shayu",maths_marks:80,english_marks:76,science_marks:65},
13    {name:"Kumaran",maths_marks:32,english_marks:73,science_marks:84},
14    {name:"Lucky",maths_marks:66,english_marks:90,science_marks:45},
15    {name:"Gva",maths_marks:71,english_marks:65,science_marks:56},
16    {name:"Raam",maths_marks:41,english_marks:65,science_marks:88}
17  ];
18  dbo.collection("studentmarks").insertMany(myobj, function(err, res) {
19    if (err) throw err;
20    console.log("Number of documents inserted: " + res.insertedCount);
21    db.close();
22  });
23 })
24
```

The left sidebar shows a file explorer with a list of files: `1q.js`, `2q.js`, `3q.js`, `4q.js`, `5q.js`, `6q.js`, `7q.js`, `8q.js`, `9q.js`, `10q.js`, `11.js`, `12q.js`, `13q.js`, `14q.js`, and `15q.js`. The status bar at the bottom indicates the file is `3q.js`, the time is `15:45`, and there is `1 update`.

```
ukistu15@ukipc15: ~/Desktop/node mongo2
bash: /home/ukistu15/mongodb/bin: No such file or directory
ukistu15@ukipc15:~/Desktop/node mongo2$ node 1q.js
(node:4633) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in
a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to t
he MongoClient constructor.
Database created!
ukistu15@ukipc15:~/Desktop/node mongo2$ node 2q.js
(node:7052) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in
a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to t
he MongoClient constructor.
Collection created!
ukistu15@ukipc15:~/Desktop/node mongo2$ node 3q.js
(node:7323) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in
a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to t
he MongoClient constructor.
Number of documents inserted: 9
ukistu15@ukipc15:~/Desktop/node mongo2$
```


4) Increase the maths marks of Mala by 6 marks



The screenshot shows the Atom code editor with a file named 4q.js open. The file contains a JavaScript script that connects to a MongoDB database and updates the 'maths_marks' field for a student named 'Mala' by adding 6 marks. The script is as follows:

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   var myquery = { name : "Mala" };
8   var newvalues = { $inc: {maths_marks:6} };
9   dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
10     if (err) throw err;
11     console.log("1 document updated");
12     db.close();
13   });
14 });
15
```

The editor interface includes a sidebar on the left with a file explorer showing a directory named 'node mongo2' containing files 1q.js through 15q.js. The status bar at the bottom indicates the file is 4q.js, line 15, column 1, with a UTF-8 encoding, Babel minifier, master branch, and 1 update.

bash: /home/ukistu15/mongodb/bin: No such file or directory

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 1q.js

(node:4633) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
Database created!

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 2q.js

(node:7052) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
Collection created!

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 3q.js

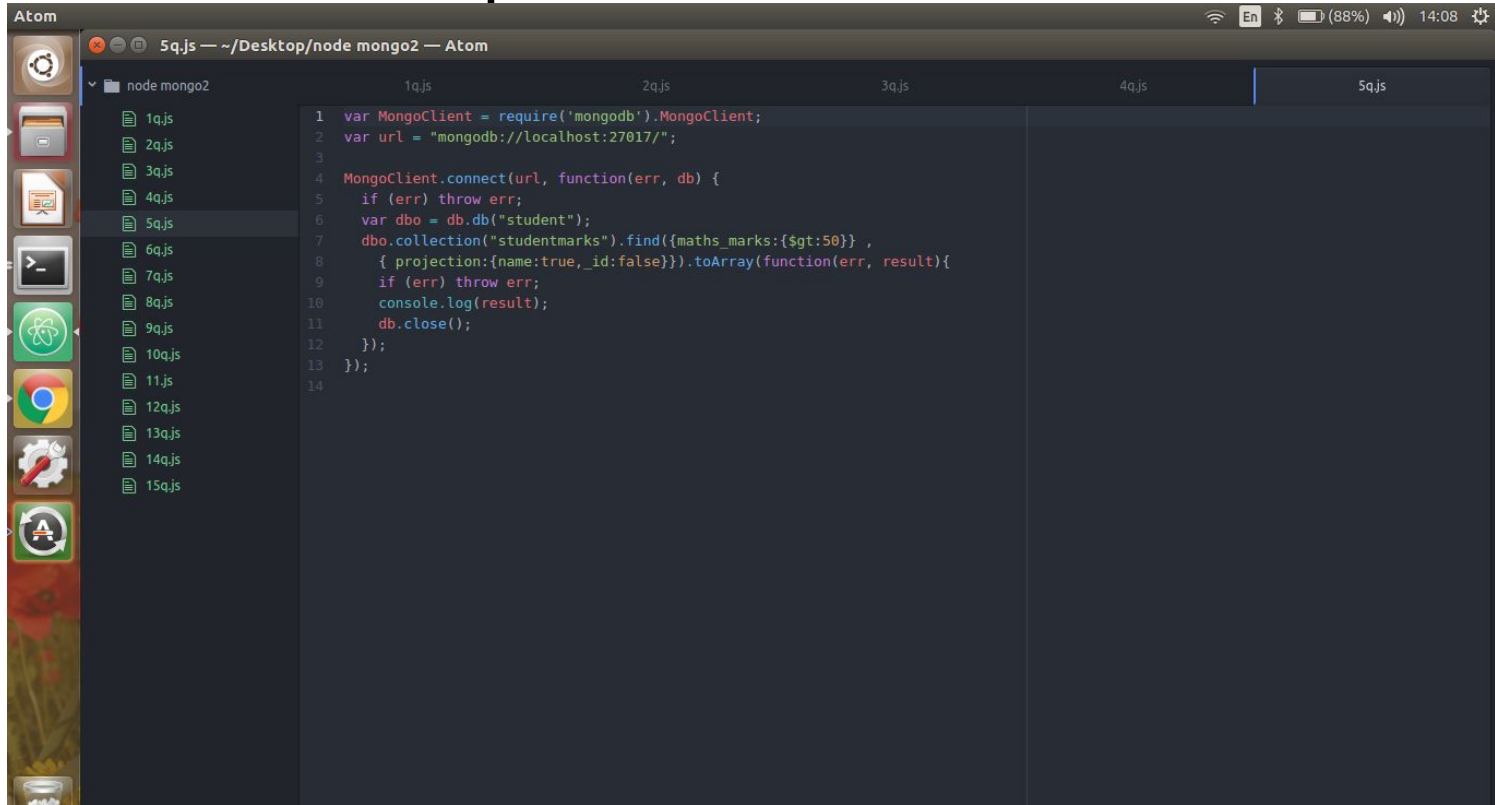
(node:7323) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
Number of documents inserted: 9

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 4q.js

(node:7920) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$

5) List the names of students who got more than 50 marks in Maths Subject.



The screenshot shows the Atom code editor with a file explorer on the left and a code editor on the right. The file explorer shows a directory named 'node mongo2' containing files 1q.js through 15q.js. The file 5q.js is selected. The code editor shows the following JavaScript code:

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   dbo.collection("studentmarks").find({maths_marks:{$gt:50}} ,
8     { projection:{name:true,_id:false}}).toArray(function(err, result){
9     if (err) throw err;
10    console.log(result);
11    db.close();
12  });
13 });
14
```


bash: /home/ukistu15/mongodb/bin: No such file or directory

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 1q.js

(node:4633) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor. - "mongodb://localhost:27017/"

Database created!

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 2q.js

(node:7052) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor. projection: { name: true, id: false } }).toArray(function(err, result){

Collection created! if (err) throw err;

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 3q.js

(node:7323) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

Number of documents inserted: 9

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 4q.js

(node:7920) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 5q.js

(node:8030) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[ { name: 'Mala' },  
  { name: 'Vanu' },  
  { name: 'Aruli' },  
  { name: 'Shayu' },  
  { name: 'Lucky' },  
  { name: 'Gva' } ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$

6q.js — ~/Desktop/node mongo2 — Atom

node mongo2

1q.js 2q.js 3q.js 4q.js 5q.js 6q.js 7q.js 8q.js 9q.js 10q.js 11.js 12q.js 13q.js 14q.js 15q.js

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   var myquery = {};
8   var newvalues = { $set: {average:{}} };
9   dbo.collection("studentmarks").updateMany(myquery, newvalues, function(err, res) {
10     if (err) throw err;
11     console.log("1 field updated");
12     db.close();
13   });
14 });
15
```

6q.js 1:1

LF UTF-8 Babel master +15 1 update

7q.js — ~/Desktop/node mongo2 — Atom

node mongo2

1q.js
2q.js
3q.js
4q.js
5q.js
6q.js
7q.js
8q.js
9q.js
10q.js
11.js
12q.js
13q.js
14q.js
15q.js

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   var myquery = { name : "Lucky" };
8   var newvalues = { $set: {science_marks:75} };
9   dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
10     if (err) throw err;
11     console.log("1 document updated");
12     db.close();
13   });
14 });
15
```

7q.js 1:1

LF UTF-8 Babel master +15 1 update

he MongoClient constructor.

Collection created!

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 3q.js

(node:7323) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

Number of documents inserted: 9

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 4q.js

(node:7920) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 5q.js

(node:8030) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[ { name: 'Mala' },  
  { name: 'Vanu' },  
  { name: 'Aruli' },  
  { name: 'Shayu' },  
  { name: 'Lucky' },  
  { name: 'Gva' } ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 6q.js

(node:8125) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 field updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 7q.js

(node:8177) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$

8q.js — ~/Desktop/node mongo2 — Atom

node mongo2

1q.js
2q.js
3q.js
4q.js
5q.js
6q.js
7q.js
8q.js
9q.js
10q.js
11.js
12q.js
13q.js
14q.js
15q.js

1q.js

2q.js

3q.js

4q.js

5q.js

6q.js

7q.js

8q.js

9q.js

10q.js

11.js

12q.js

13q.js

14q.js

15q.js

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   dbo.collection("studentmarks").find({$and:[{maths_marks:{>50}},
8     {science_marks:{>50}}, {english_marks:{>50}} ]} ,
9     { projection:{name:true,_id:false}}).toArray(function(err, result){
10     if (err) throw err;
11     console.log(result);
12     db.close();
13   });
14 });
15
```

8q.js 1:1

LF UTF-8 Babel master +15 1 update

he MongoClient constructor.

1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 5q.js

(node:8030) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

he MongoClient constructor.

```
[ { name: 'Mala' },
  { name: 'Vanu' },
  { name: 'Aruli' },
  { name: 'Shayu' },
  { name: 'Lucky' },
  { name: 'Gva' } ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 6q.js

(node:8125) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 field updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 7q.js

(node:8177) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 8q.js

(node:8240) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[ { name: 'Mala' },
  { name: 'Vanu' },
  { name: 'Aruli' },
  { name: 'Shayu' },
  { name: 'Lucky' },
  { name: 'Gva' } ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$

9q.js — ~/Desktop/node mongo2 — Atom

node mongo2

1q.js 2q.js 3q.js 4q.js 5q.js 6q.js 7q.js 8q.js 9q.js

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   dbo.collection("studentmarks").find({$and:[{maths_marks:{<50}},
8     {english_marks:{>50}} ]} ,
9     { projection:{name:true,_id:false}}).toArray(function(err, result){
10     if (err) throw err;
11     console.log(result);
12     db.close();
13   });
14 });
15
```

9q.js 1:1

LF UTF-8 Babel master +15 1 update

he MongoClient constructor.

```
[ { name: 'Mala' },  
  { name: 'Vanu' },  
  { name: 'Aruli' },  
  { name: 'Shayu' },  
  { name: 'Lucky' },  
  { name: 'Gva' } ]  
var MongoClient = require('mongodb').MongoClient;  
var url = "mongodb://localhost:27017/";  
MongoClient.connect(url, function(err, db) {  
  if (err) throw err;  
  db.collection('mycollection').insertMany([  
    { name: 'Mala' },  
    { name: 'Vanu' },  
    { name: 'Aruli' },  
    { name: 'Shayu' },  
    { name: 'Lucky' },  
    { name: 'Gva' } ], function(err, result) {  
    if (err) throw err;  
    console.log('1 document updated');  
  });  
});
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 6q.js

(node:8125) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 field updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 7q.js

(node:8177) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 8q.js

(node:8240) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[ { name: 'Mala' },  
  { name: 'Vanu' },  
  { name: 'Aruli' },  
  { name: 'Shayu' },  
  { name: 'Lucky' },  
  { name: 'Gva' } ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 9q.js

(node:8306) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[ { name: 'Kumaran' }, { name: 'Raam' } ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$



10q.js — ~/Desktop/node mongo2 — Atom

node mongo2

1q.js

2q.js

3q.js

4q.js

5q.js

6q.js

7q.js

8q.js

9q.js

10q.js

1q.js

2q.js

3q.js

4q.js

5q.js

6q.js

7q.js

8q.js

9q.js

10q.js

11.js

12q.js

13q.js

14q.js

15q.js

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   dbo.collection("studentmarks").find({$and:[{maths_marks:{$lt:40}},
8     {science_marks:{$lt:40}} ]} ,
9     { projection:{name:true,_id:false}}).toArray(function(err, result){
10     if (err) throw err;
11     console.log(result);
12     db.close();
13   });
14 });
15
```

10q.js 1:1

LF UTF-8 Babel master +15 1 update

```
{ name: 'Lucky' },
{ name: 'Gva' } ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 6q.js

(node:8125) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 field updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 7q.js

(node:8177) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 8q.js

(node:8240) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[ { name: 'Mala' },
  { name: 'Vanu' },
  { name: 'Aruli' },
  { name: 'Shayu' },
  { name: 'Lucky' },
  { name: 'Gva' } ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 9q.js

(node:8306) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[ { name: 'Kumaran' }, { name: 'Raam' } ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 10q.js

(node:8384) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[ ]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$

11.js — ~/Desktop/node mongo2 — Atom

node mongo2

1q.js 2q.js 3q.js 4q.js 5q.js 6q.js 7q.js 8q.js 9q.js 10q.js 11.js

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   var myquery = {name:"Raam"};
8   var newvalues = {$unset:{science_marks:88}};
9   dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
10     if (err) throw err;
11     console.log("1 field delete");
12     db.close();
13   });
14 });
15
```

11.js 1:1

LF UTF-8 Babel master +15 1 update

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 11.js

(node:9802) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 field delete

ukistu15@ukipc15:~/Desktop/node mongo2\$



ukistu15@ukipc15: ~

3) Create the documents listed in above table.

Click to add title

Click to add title

Click to add title

Click to add title

Click to add speaker notes

Export

Import theme

12q.js — ~/Desktop/node mongo2 — Atom

node mongo2

1q.js 2q.js 3q.js 4q.js 5q.js 6q.js 7q.js 8q.js 9q.js 10q.js 11.js 12q.js

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   var myobj = {name:"John",maths_marks:87,english_marks:23};
8   dbo.collection("studentmarks").insertOne(myobj,{upsert:false}, function(err, res) {
9     if (err) throw err;
10    console.log("1 document upserted");
11    db.close();
12  });
13 });
14
```

12q.js 1:1

LF UTF-8 Babel master +14 1 update


```
{ name: 'Vanu' }, //node mongo2 -- Atom
```

```
{ name: 'Aruli' },
```

```
{ name: 'Shayu' },
```

```
{ name: 'Lucky' },
```

```
{ name: 'Gva' } ]
```

```
var MongoClient = require('mongodb').MongoClient;
```

```
var url = "mongodb://localhost:27017/";
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 9q.js

(node:8306) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
yobj = {name:"John",maths_marks:87,english_marks:23};
[ { name: 'Kumaran' }, { name: 'Raam' } ]
yobj.insertOne(myobj,{upsert:false}, function(err, res) {
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 10q.js

(node:8384) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[]
```

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 11q.js

module.js:471

```
  throw err;
```

```
    ^
```

```
15q.js
```

Error: Cannot find module '/home/ukistu15/Desktop/node mongo2/11q.js'

at Function.Module._resolveFilename (module.js:469:15)

at Function.Module._load (module.js:417:25)

at Module.runMain (module.js:604:10)

at run (bootstrap_node.js:390:7)

at startup (bootstrap_node.js:150:9)

at bootstrap_node.js:505:3

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 12q.js

(node:8490) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document upserted

ukistu15@ukipc15:~/Desktop/node mongo2\$



14q.js — ~/Desktop/node mongo2 — Atom

node mongo2

2q.js

3q.js

4q.js

5q.js

6q.js

7q.js

8q.js

9q.js

10q.js

11.js

12q.js

13q.js

14q.js

1q.js

2q.js

3q.js

4q.js

5q.js

6q.js

7q.js

8q.js

9q.js

10q.js

11.js

12q.js

13q.js

14q.js

15q.js

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   var myquery = {name:"Kumaran"};
8   dbo.collection("studentmarks").deleteOne(myquery, function(err, obj) {
9     if (err) throw err;
10    console.log("1 document deleted");
11    db.close();
12  });
13 });
14
```

14q.js 1:1

LF UTF-8 Babel master +14 1 update

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 10q.js

(node:8384) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 11q.js

module.js:471

throw err;

Error: Cannot find module '/home/ukistu15/Desktop/node mongo2/11q.js'

at Function.Module._resolveFilename (module.js:469:15)

at Function.Module._load (module.js:417:25)

at Module.runMain (module.js:604:10)

at run (bootstrap_node.js:390:7)

at startup (bootstrap_node.js:150:9)

at bootstrap_node.js:505:3

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 12q.js

(node:8490) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document upserted

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 13q.js

(node:8546) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 14q.js

(node:8602) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document deleted

ukistu15@ukipc15:~/Desktop/node mongo2\$



15q.js — ~/Desktop/node mongo2 — Atom

node mongo2

2q.js

3q.js

4q.js

5q.js

6q.js

7q.js

8q.js

9q.js

10q.js

11.js

12q.js

13q.js

15q.js

1q.js

2q.js

3q.js

4q.js

5q.js

6q.js

7q.js

8q.js

9q.js

10q.js

11.js


12q.js

13q.js

14q.js

15q.js

```
1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27017/";
3
4 MongoClient.connect(url, function(err, db) {
5   if (err) throw err;
6   var dbo = db.db("student");
7   dbo.collection("studentmarks").find({$or:[{name:"Kala"},{name:"Aruli"} ]} ,
8     { projection:{name:true,_id:false,maths_marks:true,
9       science_marks:true}}).toArray(function(err, result){
10     if (err) throw err;
11     console.log(result);
12     db.close();
13   });
14 });
15
```


 module.js:471 Desktop/node mongo2 — Atom

throw err;

^ Desktop/node mongo2

20.js

30.js

40.js

50.js

60.js

70.js

80.js

90.js

100.js

110.js

120.js

130.js

150.js

10.js

1

var MongoClient = require('mongodb').MongoClient;

Error: Cannot find module '/home/ukistu15/Desktop/node mongo2/11q.js'

at Function.Module.resolveFilename (module.js:469:15)

at Function.Module._load (module.js:417:25)

at Module.runMain (module.js:604:10)

at run (bootstrap_node.js:390:7)

at startup (bootstrap_node.js:150:9)


at bootstrap_node.js:505:3

udentmarks").find({\$or:[{name:"Kala"},{name:"Aruli"}]})

on:{name:true,id:false,maths_marks:true,


science_marks:true}).toArray(function(err,result){

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 12q.js

 (node:8490) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.


1 document upserted

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 13q.js

 (node:8546) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.


1 document updated

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 14q.js

 (node:8602) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

1 document deleted

ukistu15@ukipc15:~/Desktop/node mongo2\$ node 15q.js

 (node:8655) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

[{ name: 'Kala', maths_marks: 32, science_marks: 53 },

{ name: 'Aruli', maths_marks: 78, science_marks: 80 }]

ukistu15@ukipc15:~/Desktop/node mongo2\$