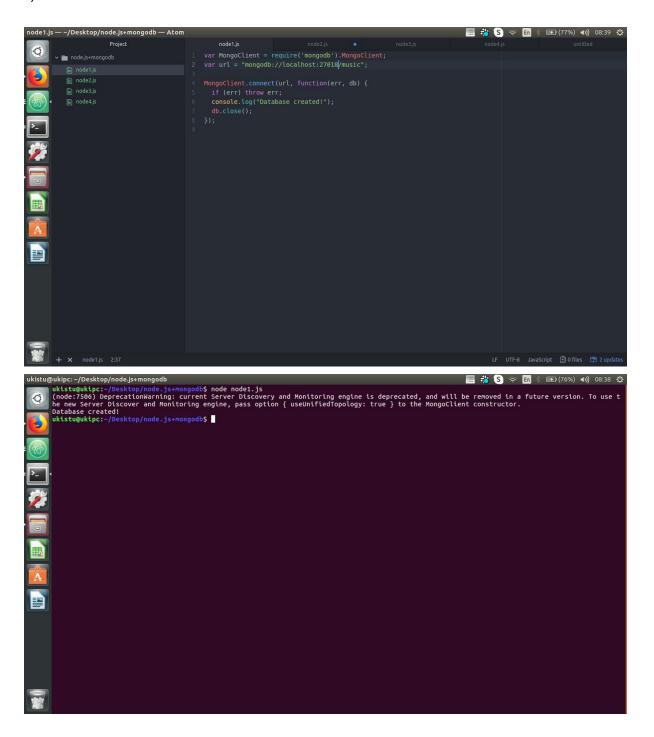
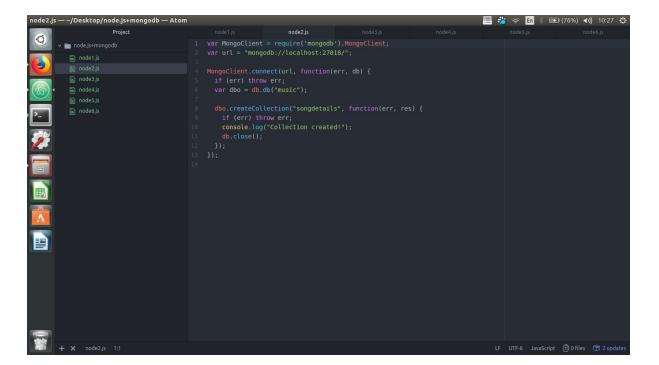
# Mongod exercise 1

1) Create a Database called music.



2) Create a collection called songdetails.



3. Create the above 5 song documents.

```
ukistu@ukipc:-/Desktop/node.js-mongodb

at server.connect (/hone/ukistu/node_nodules/mongodb/llb/operations/connect.js:468:5)

at server.connect (/hone/ukistu/node_nodules/mongodb/llb/operations/connect.js:468:5)

at Server.connect(hone/ukistu/node_nodules/mongodb/llb/operations/connect.js:291:9)

at Object.on.cok/apper (events.js:127:13)

at Everve.entt (events.js:127:13)

at Pool.entt (events.js:127:13)

at Object.indiation.entt (ev.js:127:13)

at Object.indiation.entt (ev.js:127:13)

at Sanctard (internal/modules/cjs/loader.js:388:12)

at Function.Module.rumlant (internal/modules/cjs/loader.js:388:12)

at Sanctard (internal/modules/cjs/loader.js:388:12)

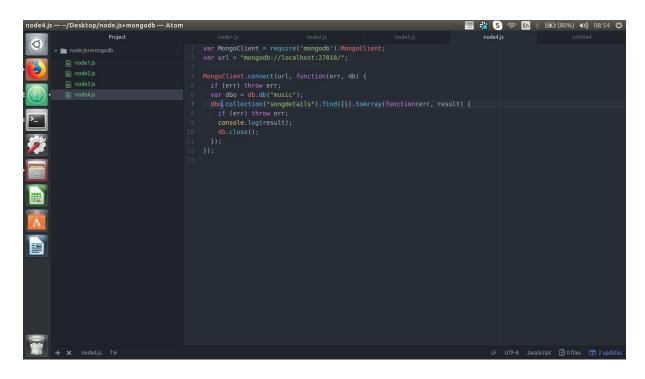
at Sanctard (internal/modules/cjs/loader.js:3742:12)

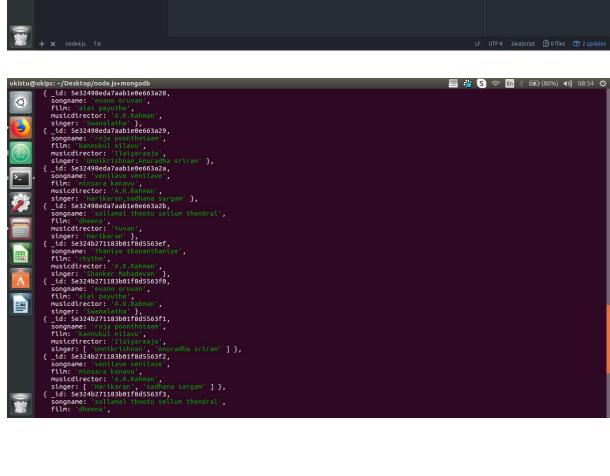
at startup (internal/bootstrap/node.js:279:13)

at Sanctard (internal/modules/cjs/loader.js:3728)

at Object.indiate.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entternal.entte
```

4) List all documents created.





### 5) List A.R.Rahman's songs.

6) List A.R.Rahman's songs sung by Unnikrishnan.

```
node6.js — r/Desktop/node.js-mongodb — Atom

Project

Node1;s

Node2;s

Node3;s

Node3;s

Node6.js

Node2;s

Node3;s

Node2;s

Node3;s

N
```

```
ukistugukipc:-/Desktop/node.js*mongodb

singer: 'Shanker Mahadevun' ),

singer: 'Shanker Mahadevun' ),

songname: evano pruvan',

songname: evano pruvan',

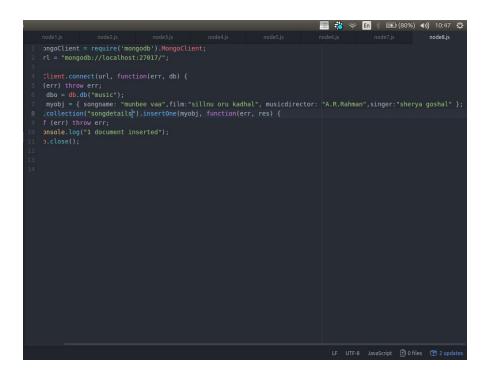
singer: 'Sanker Mahadevun' ),

singer: 'Sanker Mahadevun' ),
```

7) Delete the song which you don't like.

```
modeljs nodeljs i (erritori kanada nodeljs) nodeljs n
```

8) Add new song which is your favourite.



```
(node:4759) 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.

[]

(node:4759) 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.

[]

(node:4878) 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.

[]

(node:4878) 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.

[]

(node:5246) 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.

[]

(node:5222) 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.

[]

(node:5222) 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.

[]

(node:5222) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitor
```

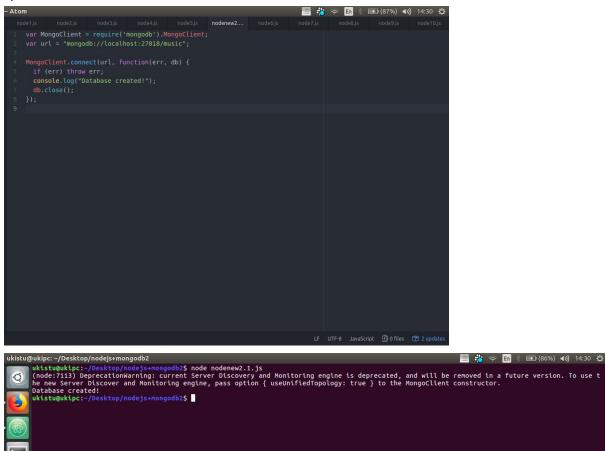
9) List Songs sung by Hariharan from Minsara kanavu film.

## 10)List out the singers' names in your document.

```
nodeljs nodelj
```

# Mongodb 2

1) Create a Database called student



2) Create a collection called studentmarks

```
ukistu@ukipc:-/Desktop/nodejs+mongodb2$ node nodenew2.1.js

ukistu@ukipc:-/Desktop/nodejs+mongodb2$ node nodenew2.1.js

(node:713) 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!

(node:7264) 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 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!

ukistu@ukipc:-/Desktop/nodejs+mongodb2$ 

| Wistu@ukipc:-/Desktop/nodejs+mongodb2$ |
```

3) Create the documents listed in above table.



4) Increase the maths marks of Mala by 6 marks.

```
-Atom

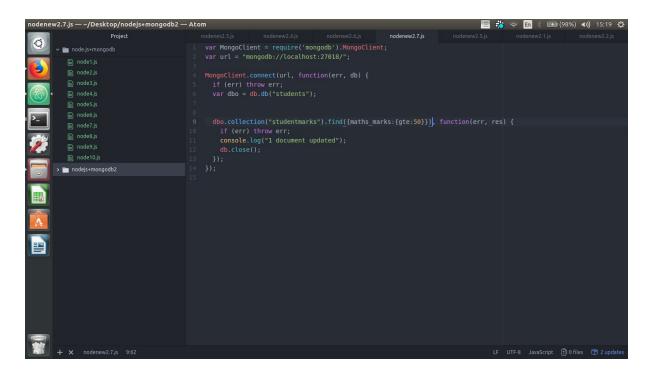
rodenes23js nodenew2.4js nodenew2.5js nodensjs nodenew2.1js nodenew2.2js

1 var MongoClient = require('mongodb').MongoClient;
2 var url = "mongodb://localhost:27018/';

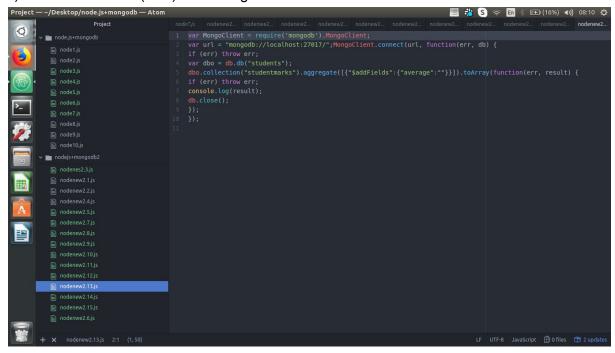
3 MongoClient.connect(url, function(err, db) {
3 if (err) throw err;
3 var dbo = db.db("students");

4 dbo.collection("studentmarks").update({name: 'Mala'}),{$inc:{maths_marks:6}}, function(err, res) {
4 if (err) throw err;
5 console.log("1 document updated");
6 db.close();
7 });
11 j};
12 db.close();
13 j};
14 j);
15 UTF-8 JavaScript ② Ofiles ③ 2 updates
```

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



6)Add a new column(field) for Average for all students.



7) Update Marks\_Science=75 to Lucky .

8) List the names who got more than 50 marks in all subjects.

```
| Project | Codemet2.3|s | nodemet2.3|s | nodemet2.
```

9) List the names who got less than 50 marks in Maths subject and more than 50 marks in English

10) List the names who got less than 40 in both Maths and Science.

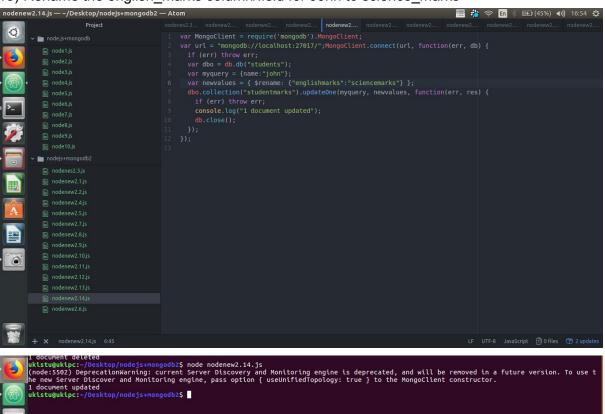
```
| Polet | Roderew2.10 | Roderew2.15 | Rodere
```

11) Remove Science column/field for Raam

12) Update John's Math mark as 87 and English mark as 23, if john not available upsert.

```
ukistu@ukipc:~/Desktop/nodejs+mongodb2$ node nodenew2.12.js
(node:10611) 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 inserted ukistu@ukipc:~/Desktop/nodejs+mongodb2$
```

### 13) Rename the english\_marks column/field for John to science\_marks



### 14) Remove Kumaran's document from collection

