1)Create a Database called music.

```
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$ node createmusic.js
music
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$ 
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/music";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  console.log("music");
  db.close();
});
```

2) Create a collection called songdetails.

```
[ { _id: 5b628ab39916d92f6de8f6aa,
    songname: 'VennilavaeVennilavaeVinnaithaandi',
    film: 'MinsaraKanavu',
    musicdirector: 'A.R.Rahman',
    singer: [ 'Hariharaan', 'Sadhanasargam' ] } ]
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$ 
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var query = { film: "MinsaraKanavu",singer:"Hariharaan"};
  dbo.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
```

```
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$ node songdetails.js
Collection created!
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

```javascript
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  dbo.createCollection("songdetails", function(err, res) {
    if (err) throw err;
    console.log("Collection created!");
    db.close();
  });
});
```

```
[ { _id: 5b628ab39916d92f6de8f6aa,
    songname: 'VennilavaeVennilavaeVinnaithaandi',
    film: 'MinsaraKanavu',
    musicdirector: 'A.R.Rahman',
    singer: [ 'Hariharaan', 'Sadhanasargam' ] } ]
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

```javascript
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var query = { film: "MinsaraKanavu",singer:"Hariharaan"};
  dbo.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
```

```
> show collections
song details
songdetails
>
```

3) Create the above 5 song documents.

```
> db.songdetails.find()
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4f6"), "songname" : "ThaniyeThananthaniye", "film" : "Rhythm", "mu
sicdirector" : "A.R.Rahman", "singer" : "Shankarmahadevan" }
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4f7"), "songname" : "EvanoOruvan", "film" : "AlaiPayuthey", "music
director" : "A.R.Rahman", "singer" : "Swarnalatha" }
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4f8"), "songname" : "RojaPoonthottam", "film" : "kanukkulNillavu",
 "musicdirector" : "Ilaiyaraaja", "singer" : "Unnikrishnan,AnuradhaSriram" }
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4f9"), "songname" : "VennilavaeVennilavaeVinnaithaandi", "film" :
"MinsaraKanavu", "musicdirector" : "A.R.Rahman", "singer" : "Hariharaan ,Sadhanasargam" }
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4fa"), "songname" : "SollamalThottuChellumThendral", "film" : "Dhe
ena", "musicdirector" : "YuvanShankarRaja", "singer" : "Hariharan" }
>
```

4) List all documents created.

```
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$ node insertmusic.js
Number of documents inserted: 5
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

```
[ { _id: 5b628ab39916d92f6de8f6aa,
    songname: 'VennilavaeVennilavaeVinnaithaandi',
    film: 'MinsaraKanavu',
    musicdirector: 'A.R.Rahman',
    singer: [ 'Hariharaan', 'Sadhanasargam' ] } ]
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

```javascript
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var query = { film: "MinsaraKanavu",singer:"Hariharaan"};
  dbo.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
```

```
> db.songdetails.find()
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4f6"), "songname" : "ThaniyeThananthaniye", "film" : "Rhythm", "mu
sicdirector" : "A.R.Rahman", "singer" : "Shankarmahadevan" }
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4f7"), "songname" : "EvanoOruvan", "film" : "AlaiPayuthey", "music
director" : "A.R.Rahman", "singer" : "Swarnalatha" }
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4f8"), "songname" : "RojaPoonthottam", "film" : "kanukkulNillavu",
 "musicdirector" : "Ilaiyaraaja", "singer" : "Unnikrishnan,AnuradhaSriram" }
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4f9"), "songname" : "VennilavaeVennilavaeVinnaithaandi", "film" :
"MinsaraKanavu", "musicdirector" : "A.R.Rahman", "singer" : "Hariharaan ,Sadhanasargam" }
{ "_id" : ObjectId("5b617cb44e0fcc292cc8d4fa"), "songname" : "SollamalThottuChellumThendral", "film" : "Dhe
ena", "musicdirector" : "YuvanShankarRaja", "singer" : "Hariharan" }
>
```

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

```
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$ node Rahuman.js
[ { _id: 5b617cb44e0fcc292cc8d4f6,
    songname: 'ThaniyeThananthaniye',
    film: 'Rhythm',
    musicdirector: 'A.R.Rahman',
    singer: 'Shankarmahadevan' },
  { _id: 5b617cb44e0fcc292cc8d4f7,
    songname: 'EvanoOruvan',
    film: 'AlaiPayuthey',
    musicdirector: 'A.R.Rahman',
    singer: 'Swarnalatha' },
  { _id: 5b617cb44e0fcc292cc8d4f9,
    songname: 'VennilavaeVennilavaeVinnaithaandi',
    film: 'MinsaraKanavu',
    musicdirector: 'A.R.Rahman',
    singer: 'Hariharaan ,Sadhanasargam' } ]
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

```
[ { _id: 5b628ab39916d92f6de8f6aa,
    songname: 'VennilavaeVennilavaeVinnaithaandi',
    film: 'MinsaraKanavu',
    musicdirector: 'A.R.Rahman',
    singer: [ 'Hariharaan', 'Sadhanasargam' ] } ]
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

```javascript
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var query = { film: "MinsaraKanavu",singer:"Hariharaan"};
  dbo.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var query = { musicdirector: "A.R.Rahman" };
  dbo.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```

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

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

```
[ { _id: 5b628ab39916d92f6de8f6aa,
    songname: 'VennilavaeVennilavaeVinnaithaandi',
    film: 'MinsaraKanavu',
    musicdirector: 'A.R.Rahman',
    singer: [ 'Hariharaan', 'Sadhanasargam' ] } ]
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$ 
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var query = { film: "MinsaraKanavu",singer:"Hariharaan"};
  dbo.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var myquery = { songname: 'SollamalThottuChellumdeThendral' };
  dbo.collection("songdetails").deleteOne(myquery, function(err, obj) {
    if (err) throw err;
    console.log("1 document deleted");
    db.close();
  });
});
```

```
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$ node delete.js
1 document deleted
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

8) Add new song which is your favourite.

```
[ { _id: 5b628ab39916d92f6de8f6aa,
    songname: 'VennilavaeVennilavaeVinnaithaandi',
    film: 'MinsaraKanavu',
    musicdirector: 'A.R.Rahman',
    singer: [ 'Hariharaan', 'Sadhanasargam' ] } ]
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var query = { film: "MinsaraKanavu",singer:"Hariharaan"};
  dbo.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var myobj = { songname: "Maacho", film: "Mersal", musicdirector:"A.R.Rahman", singer:"Sidsriram" };
  dbo.collection("songdetails").insertOne(myobj, function(err, res) {
    if (err) throw err;
    console.log("1 document inserted");
    db.close();
  });
});
```

```
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$ node favourite.js
1 document inserted
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

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

```
[ { _id: 5b628ab39916d92f6de8f6aa,
    songname: 'VennilavaeVennilavaeVinnaithaandi',
    film: 'MinsaraKanavu',
    musicdirector: 'A.R.Rahman',
    singer: [ 'Hariharaan', 'Sadhanasargam' ] } ]
ukistu04@ukipc04:~/Documents/uki3/Nodejs/nodejs_ex2$
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("music");
  var query = { film: "MinsaraKanavu",singer:"Hariharaan"};
  dbo.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
```