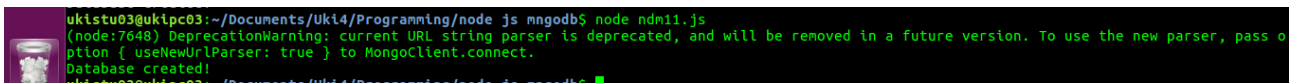
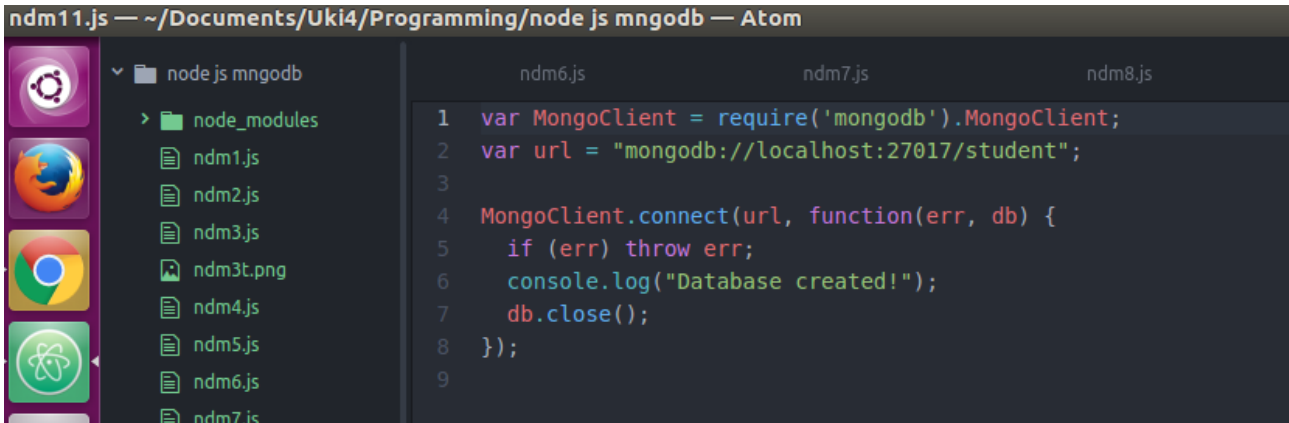


1) Create a Database called student

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

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



2) Create a collection called studentmarks

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

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

```
});
```

```
ndm12.js — ~/Documents/Uki4/Programming/node js mngodb — Atom

node_modules
ndm1.js
ndm2.js
ndm3.js
ndm3t.png
ndm4.js
ndm5.js
ndm6.js
ndm7.js
ndm8.js
ndm9.js

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

Database created!
ukistu03@ukipc03:~/Documents/Uki4/Programming/node js mngodb$ node ndm12.js
(node:7904) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass
ption { useNewUrlParser: true } to MongoClient.connect.
Collection created!
ukistu03@ukipc03:~/Documents/Uki4/Programming/node js mngodb$
```

3) Create the documents listed in above table.

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

```
MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  var myobj = [
    {
      name: "Mala",maths_marks:45 ,english_marks:53,science_marks: 72
    },
    {
      name: "Vanu",maths_marks: 80,english_marks: 75,science_marks: 85
    },
    {
      name: "Kala",maths_marks: 32,english_marks: 46,science_marks: 53
    },
    {
      name: "Aruli",maths_marks: 78,english_marks: 85,science_marks: 80
    },
    {
      name: "Shayu",maths_marks: 80,english_marks: 76,science_marks: 65
    },
    {
      name: "Kumaran",maths_marks: 32,english_marks: 73,science_marks: 84
    }
  ]
  dbo.insertMany(myobj, function(err, res) {
    if (err) throw err;
    console.log('Collection created!');
  });
  db.close();
});
```

```

},
{
  name : "Lucky",maths_marks: 66,english_marks: 90, science_marks : 45
},
{
  name : "Gva",maths_marks : 71,english_marks : 75,cience_marks : 56
},
{
  name: "Raam",maths_marks: 41,english_marks: 65,science_marks: 88
}
];
dbo.collection("studentmarks").insertMany(myobj, function(err, res) {
if (err) throw err;
console.log("Number of documents inserted: " + res.insertedCount);
db.close();
});
});

```

```

ndm13.js — ~/Documents/Uki4/Programming/node js mngodb — Atom
node_modules
ndm1.js
ndm2.js
ndm3.js
ndm3t.png
ndm4.js
ndm5.js
ndm6.js
ndm7.js
ndm8.js
ndm9.js
ndm10.js
ndm11.js
ndm12.js
ndm13.js
ndma.png
ndma1.png
ndma2.png
ndma3.png
ndma4.png
ndma5.png
ndma6.png
ndma7.png
ndma8.png
ndma9.js
ndma9.png
ndma10.png
ndma11.png
1
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/student";
MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  var myobj = [
    {
      name: "Mala",maths_marks:45 ,english_marks:53,science_marks: 72
    },
    {
      name: "Vanu",maths_marks: 80,english_marks: 75,science_marks: 85
    },
    {
      name: "Kala",maths_marks: 32,english_marks: 46,science_marks: 53
    },
    {
      name: "Aruli",maths_marks: 78,english_marks: 85,science_marks: 80
    },
    {
      name: "Shayu",maths_marks: 80,english_marks: 76,science_marks: 65
    },
    {
      name: "Kumaran",maths_marks: 32,english_marks: 73,science_marks: 84
    },
    {
      name : "Lucky",maths_marks: 66,english_marks: 90, science_marks : 45
    },
    {
      name : "Gva",maths_marks : 71,english_marks : 75,cience_marks : 56
    },
  ],
  dbo.collection("studentmarks").insertMany(myobj, function(err, res) {
    if (err) throw err;
    console.log("Number of documents inserted: " + res.insertedCount);
    db.close();
  });
});

```

```

ukistu03@ukitpc03:~/Documents/Uki4/Programming/node js mngodb$ node ndm13.js
(node:8976) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass option { useNewUrlParser: true } to MongoClient.connect.
Number of documents inserted: 9
ukistu03@ukitpc03:~/Documents/Uki4/Programming/node js mngodb$

```

4) Increase the maths marks of Mala by 6 marks

```

code: var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/student";
MongoClient.connect(url, function(err, db) {

```

```

if (err) throw err;
var dbo = db.db("student");
var myquery = { name: "Mala" };
var newvalues = { $inc: {maths_marks:6 } };
dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
if (err) throw err;
console.log("1 document updated");
db.close();
});
});

```

```

ukistu03@ukipc03:~/Documents/Uki4/Programming/node.js mngodb$ node ndm14.js
(node:9214) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass option { useNewUrlParser: true } to MongoClient.connect.
1 document updated
ukistu03@ukipc03:~/Documents/Uki4/Programming/node.js mngodb$

```

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

```

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

```

```

MongoClient.connect(url, function(err, db) {
if (err) throw err;
var dbo = db.db("student");
dbo.collection("studentmarks").find({maths_marks:{>50}}).toArray(function(err, result) {
if (err) throw err;
console.log(result);
db.close();
});
});

```

```
ndm15.js — ~/Documents/Uki4/Programming/node js mngodb — Atom

node_modules
ndm1.js
ndm2.js
ndm3.js
ndm3t.png
ndm4.js
ndm5.js
ndm6.js
ndm7.js
ndm8.js
ndm9.js
ndm10.js
ndm11.js
ndm12.js
ndm13.js

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

```
ukistu03@ukipc03:~/Documents/Uki4/Programming/node js mngodb$ node ndm15.js
(node:9507) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. Use the option { useNewUrlParser: true } to MongoClient.connect.
[ { _id: 5b3f0b8b3d002443609e917c,
  name: 'Mala',
  maths_marks: 57,
  english_marks: 53,
  science_marks: 72,
  average: 1 },
  { _id: 5b3f0b8b3d002443609e917d,
  name: 'Vanu',
  maths_marks: 80,
  english_marks: 75,
  science_marks: 85,
  average: 1 },
  { _id: 5b3f0b8b3d002443609e917f,
  name: 'Aruli',
  maths_marks: 78,
  english_marks: 85,
  science_marks: 80,
  average: 1 },
  { _id: 5b3f0b8b3d002443609e9180,
  name: 'Shayu',
  maths_marks: 80,
  english_marks: 76,
  science_marks: 65,
  average: 1 },
  { _id: 5b3f0b8b3d002443609e9182,
  name: 'Lucky',
  maths_marks: 66,
  english_marks: 90,
  Marks_Science: 75,
  average: 1 },
  { _id: 5b3f0b8b3d002443609e9183,
  name: 'Gva',
  maths_marks: 71,
  english_marks: 75,
  science_marks: 56,
  average: 1 },
```

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

Code:
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://127.0.0.1:27017/student";

```
MongoClient.connect(url, function(err, db) {  
  if (err) throw err;  
  var dbo = db.db("student");  
  var myquery = {};  
  var newvalues = {$set: {Average: ""}};  
  dbo.collection("studentmarks").updateMany(myquery, newvalues, function(err, res) {  
    if (err) throw err;  
    console.log("Average inputed");  
    db.close();  
  });  
});
```

```

node_modules
ndm1.js
ndm2.js
ndm3.js
ndm3t.png
ndm4.js
ndm5.js
ndm6.js
ndm7.js
ndm8.js
ndm9.js
ndm10.js
ndm11.js
ndm12.js

```

```

1
2 var MongoClient = require('mongodb').MongoClient;
3 var url = "mongodb://127.0.0.1:27017/student";
4
5 MongoClient.connect(url, function(err, db) {
6   if (err) throw err;
7   var dbo = db.db("student");
8   var myquery = {};
9   var newvalues = {$set: {Average: ""}};
10  dbo.collection("studentmarks").updateMany(myquery, newvalues, function(err, res) {
11    if (err) throw err;
12    console.log("Average inputed");
13    db.close();
14  });
15 });
16

```

```

science_marks: 50 } }
uk1stu03@uk1pc03:~/Documents/Uki4/Programming/node js mngodb$ node ndm16.js
(node:10071) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass
option { useNewUrlParser: true } to MongoClient.connect.
Average inputed
uk1stu03@uk1pc03:~/Documents/Uki4/Programming/node js mngodb$

```

7) Update Marks_Science=75 to Lucky .

```

Code:var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://127.0.0.1:27017/student";

```

```

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  var myquery = { name: "Lucky" };
  var newvalues = { $set: {science_marks:75 } };
  dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
    if (err) throw err;
    console.log(" updated");
    db.close();
  });
});

```

```

ndm17.js — ~/Documents/Uki4/Programming/node js mngodb — Atom

```

```

node_modules
ndm1.js
ndm2.js
ndm3.js
ndm3t.png
ndm4.js
ndm5.js
ndm6.js
ndm7.js
ndm8.js
ndm9.js
ndm10.js
ndm11.js
ndm12.js
ndm13.js
ndm14.js
ndm15.js
ndm16.js
ndm17.js
ndma.png
ndma1.png
ndma2.png
ndma3.png
ndma4.png
ndma5.png
ndma6.png
ndma7.png

```

```

1
2
3 var MongoClient = require('mongodb').MongoClient;
4 var url = "mongodb://127.0.0.1:27017/student";
5
6 MongoClient.connect(url, function(err, db) {
7   if (err) throw err;
8   var dbo = db.db("student");
9   var myquery = { name: "Lucky" };
10  var newvalues = { $set: {science_marks:75 } };
11  dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
12    if (err) throw err;
13    console.log(" updated");
14    db.close();
15  });
16 });
17

```

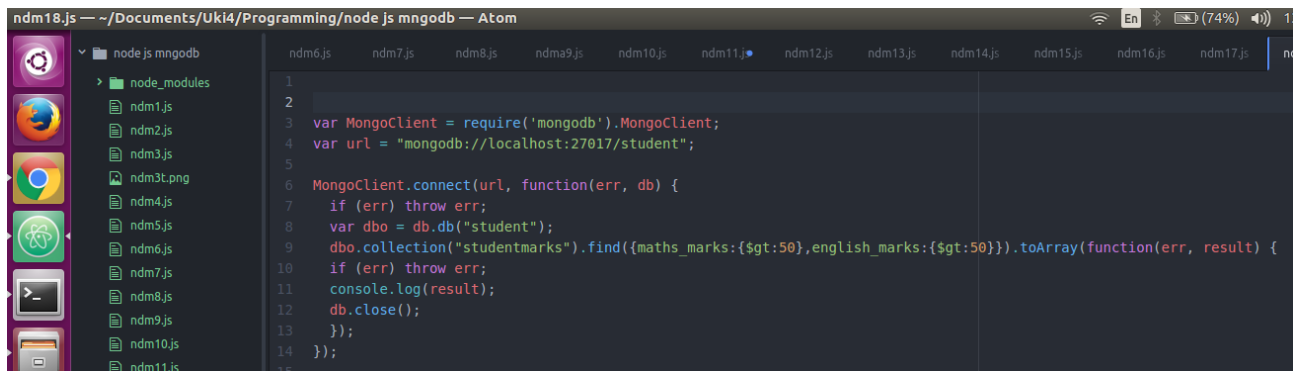
ndm17.js 17:1 LF UTF-8 Babel master +17 1 update

```
ukistu03@ukipc03: ~/Documents/Uki4/Programming/node.js mngodb$ node ndm17.js
(node:10589) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass
option { useNewUrlParser: true } to MongoClient.connect.
updated
ukistu03@ukipc03:~/Documents/Uki4/Programming/node.js mngodb$
```

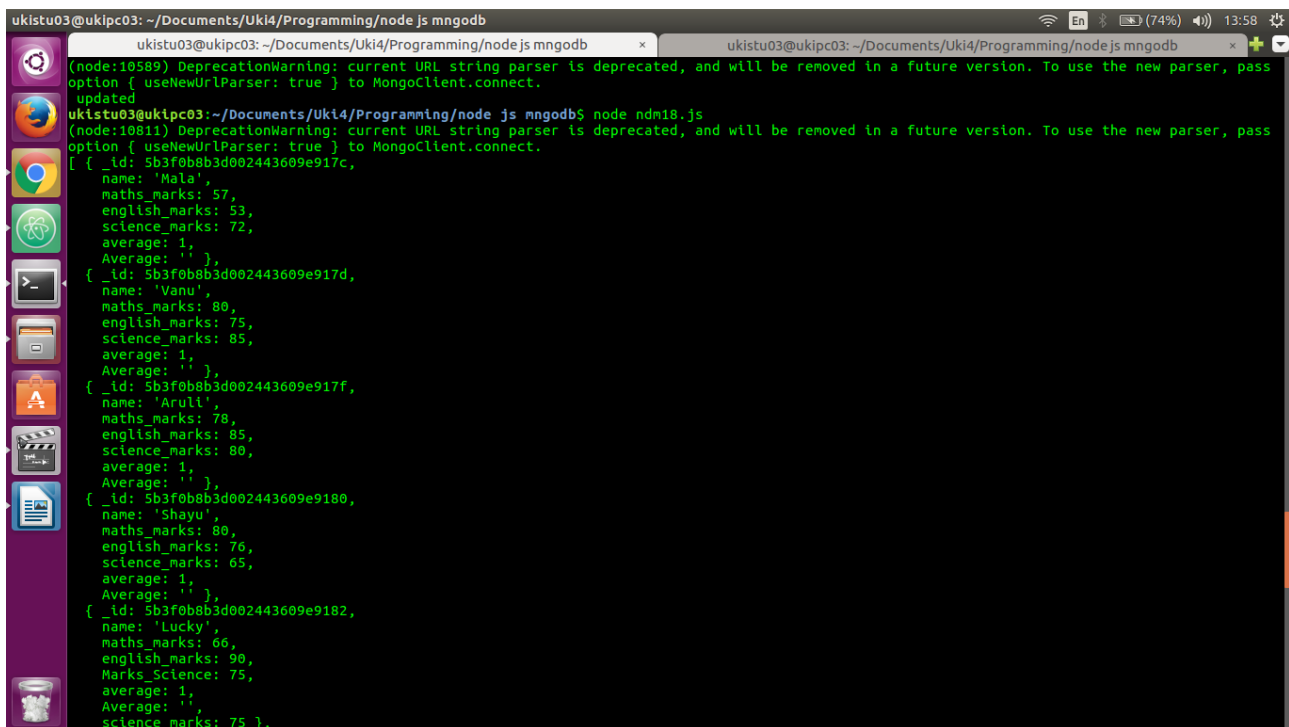
8) List the names who got more than 50 marks in all subjects.

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

```
MongoClient.connect(url, function(err, db) {  
  if (err) throw err;  
  var dbo = db.db("student");  
  dbo.collection("studentmarks").find({maths_marks:{$gt:50},english_marks:  
{ $gt:50}}).toArray(function(err, result) {  
    if (err) throw err;  
    console.log(result);  
    db.close();  
  });  
});
```



```
ndm18.js -- ~/Documents/Uki4/Programming/node.js mngodb — Atom  
node_modules  
ndm1.js  
ndm2.js  
ndm3.js  
ndm3t.png  
ndm4.js  
ndm5.js  
ndm6.js  
ndm7.js  
ndm8.js  
ndm9.js  
ndm10.js  
ndm11.js  
1  
2  
3 var MongoClient = require('mongodb').MongoClient;  
4 var url = "mongodb://localhost:27017/student";  
5  
6 MongoClient.connect(url, function(err, db) {  
7   if (err) throw err;  
8   var dbo = db.db("student");  
9   dbo.collection("studentmarks").find({maths_marks:{$gt:50},english_marks:{$gt:50}}).toArray(function(err, result) {  
10    if (err) throw err;  
11    console.log(result);  
12    db.close();  
13  });  
14 });
```



```
ukistu03@ukipc03: ~/Documents/Uki4/Programming/node.js mngodb  
ukistu03@ukipc03: ~/Documents/Uki4/Programming/node.js mngodb  
(node:10589) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass  
option { useNewUrlParser: true } to MongoClient.connect.  
updated  
ukistu03@ukipc03:~/Documents/Uki4/Programming/node.js mngodb$ node ndm18.js  
(node:10811) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass  
option { useNewUrlParser: true } to MongoClient.connect.  
[ { _id: 5b3f0b8b3d002443609e917c,  
  name: 'Mala',  
  maths_marks: 57,  
  english_marks: 53,  
  science_marks: 72,  
  average: 1,  
  Average: '1' },  
  { _id: 5b3f0b8b3d002443609e917d,  
    name: 'Vanu',  
    maths_marks: 80,  
    english_marks: 75,  
    science_marks: 85,  
    average: 1,  
    Average: '1' },  
    { _id: 5b3f0b8b3d002443609e917f,  
      name: 'Arull',  
      maths_marks: 78,  
      english_marks: 85,  
      science_marks: 80,  
      average: 1,  
      Average: '1' },  
      { _id: 5b3f0b8b3d002443609e9180,  
        name: 'Shayu',  
        maths_marks: 80,  
        english_marks: 76,  
        science_marks: 65,  
        average: 1,  
        Average: '1' },  
        { _id: 5b3f0b8b3d002443609e9182,  
          name: 'Lucky',  
          maths_marks: 66,  
          english_marks: 90,  
          Marks_Science: 75,  
          average: 1,  
          Average: '1',  
          science_marks: 75 } ],
```

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

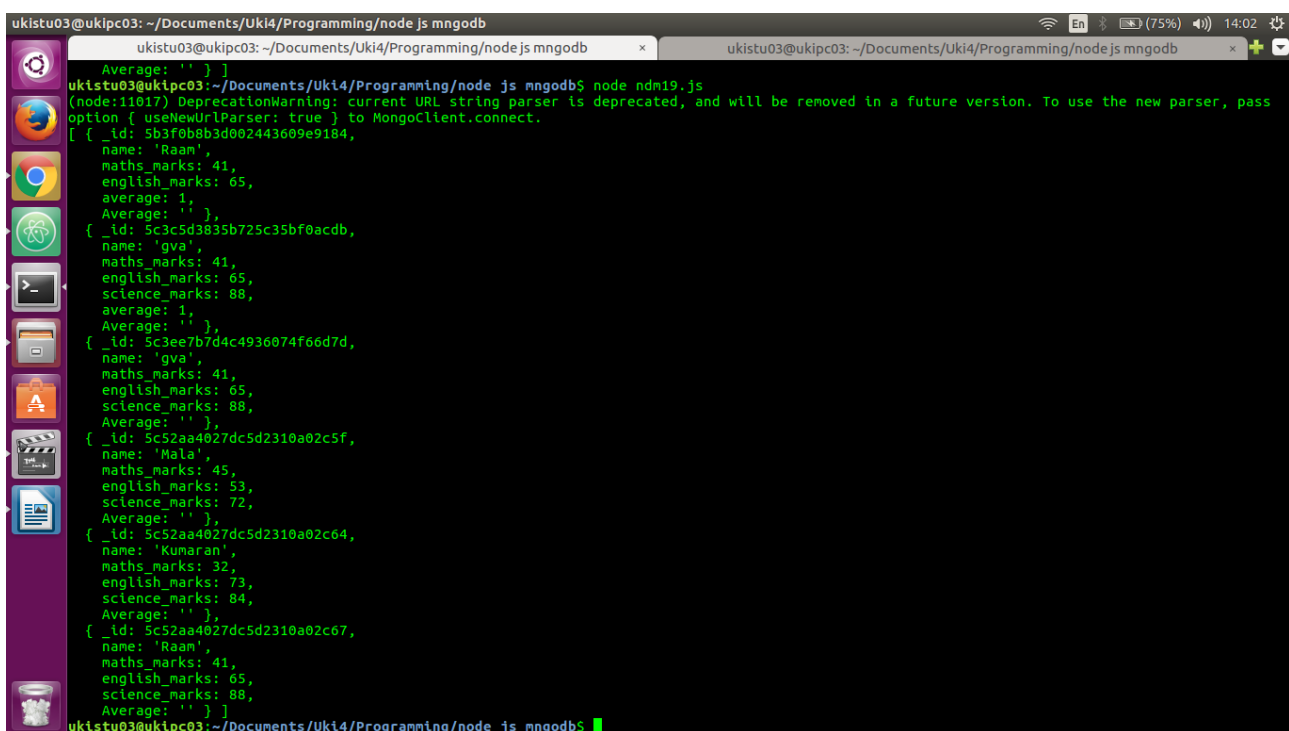
code:var MongoClient = require('mongodb').MongoClient;

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

```
MongoClient.connect(url, function(err, db) {  
  if (err) throw err;  
  var dbo = db.db("student");  
  dbo.collection("studentmarks").find({$and:[{maths_marks:{$lt:50},english_marks:  
{$gt:50}}]}).toArray(function(err, result) {  
    if (err) throw err;  
    console.log(result);  
    db.close();  
  });  
});
```



```
ndm19.js — ~/Documents/Uki4/Programming/node.js.mngodb — Atom  
node_modules  
ndm1.js  
ndm2.js  
ndm3.js  
ndm3.png  
ndm4.js  
ndm5.js  
ndm6.js  
ndm7.js  
ndm8.js  
ndm9.js  
ndm10.js  
ndm11.js  
ndm12.js  
ndm13.js  
ndm14.js  
ndm15.js  
ndm16.js  
ndm17.js  
ndm18.js  
ndm19.js  
1  
2 var MongoClient = require('mongodb').MongoClient;  
3 var url = "mongodb://localhost:27017/student";  
4  
5 MongoClient.connect(url, function(err, db) {  
6   if (err) throw err;  
7   var dbo = db.db("student");  
8   dbo.collection("studentmarks").find({$and:[{maths_marks:{$lt:50},english_marks:{$gt:50}}]}).toArray(function(err, result) {  
9     if (err) throw err;  
10    console.log(result);  
11    db.close();  
12  });  
13 });
```



```
ukistu03@ukipc03: ~/Documents/Uki4/Programming/node.js.mngodb  
Average: '' } ]  
ukistu03@ukipc03:~/Documents/Uki4/Programming/node.js.mngodb$ node ndm19.js  
(node:11017) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass  
option { useNewUrlParser: true } to MongoClient.connect.  
[ { _id: 5b3f0b8b3d002443609e9184,  
  name: 'Raam',  
  maths_marks: 41,  
  english_marks: 65,  
  average: 1,  
  Average: '' },  
  { _id: 5c3c5d3835b725c35bf0acdb,  
    name: 'gva',  
    maths_marks: 41,  
    english_marks: 65,  
    science_marks: 88,  
    average: 1,  
    Average: '' },  
    { _id: 5c3ee7b7d4c4936074f66d7d,  
      name: 'gva',  
      maths_marks: 41,  
      english_marks: 65,  
      science_marks: 88,  
      average: 1,  
      Average: '' },  
      { _id: 5c52aa4027dc5d2310a02c5f,  
        name: 'Mala',  
        maths_marks: 45,  
        english_marks: 53,  
        science_marks: 72,  
        average: 1,  
        Average: '' },  
        { _id: 5c52aa4027dc5d2310a02c64,  
          name: 'Kumaran',  
          maths_marks: 32,  
          english_marks: 73,  
          science_marks: 84,  
          average: 1,  
          Average: '' },  
          { _id: 5c52aa4027dc5d2310a02c67,  
            name: 'Raam',  
            maths_marks: 41,  
            english_marks: 65,  
            science_marks: 88,  
            average: 1,  
            Average: '' } ]  
ukistu03@ukipc03:~/Documents/Uki4/Programming/node.js.mngodb$
```

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

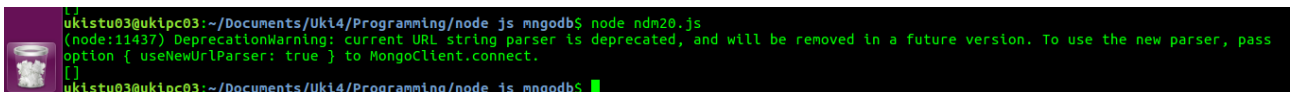
```
Code:var MongoClient = require('mongodb').MongoClient;  
var url = "mongodb://localhost:27017/student";
```



```

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  dbo.collection("studentmarks").find({$and:[{maths_marks:{<:50},science_marks:
  {<:50}}]}).toArray(function(err, result) {
  if (err) throw err;
  console.log(result);
  db.close();
  });
});

```



11) Remove Science column/field for Raam

```

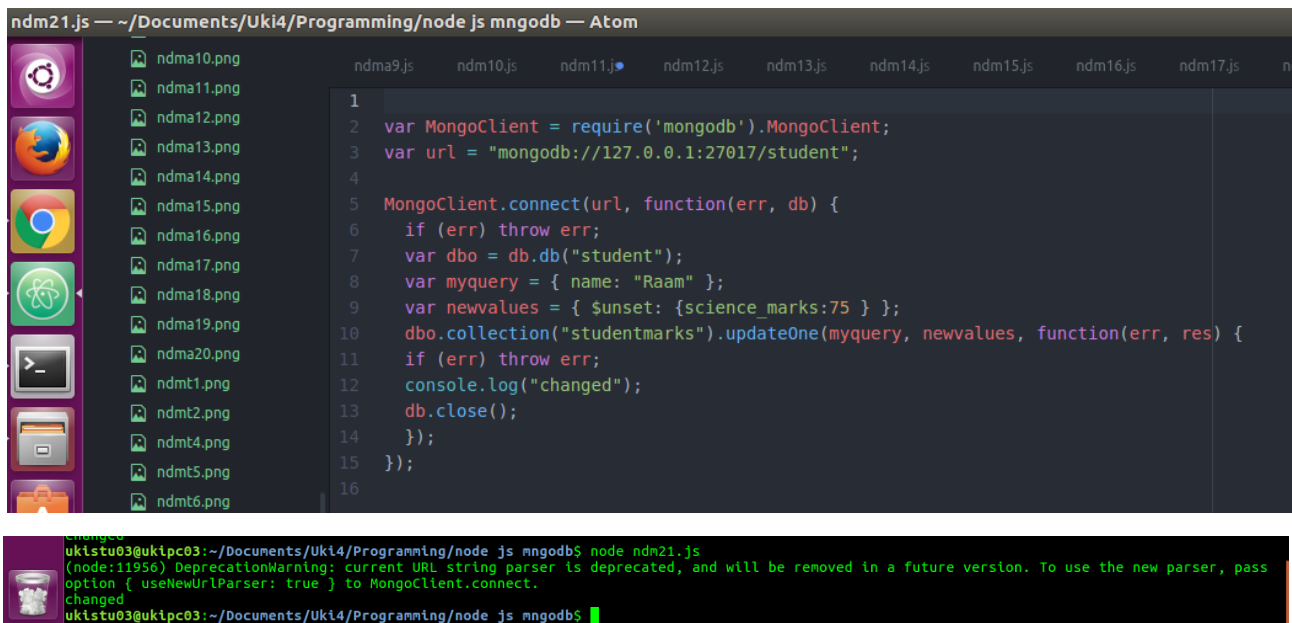
code: var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://127.0.0.1:27017/student";

```

```

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  var myquery = { name: "Raam" };
  var newvalues = { $unset: {science_marks:75 } };
  dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
  if (err) throw err;
  console.log("changed");
  db.close();
  });
});

```



The screenshot shows the Atom editor with a file explorer on the left containing files like ndma10.png, ndma11.png, etc. The main editor displays the code for ndm21.js. The terminal at the bottom shows the command 'node ndm21.js' being executed, resulting in a deprecation warning and the output 'changed'.

```
ndm21.js — ~/Documents/Uki4/Programming/node js mngodb — Atom

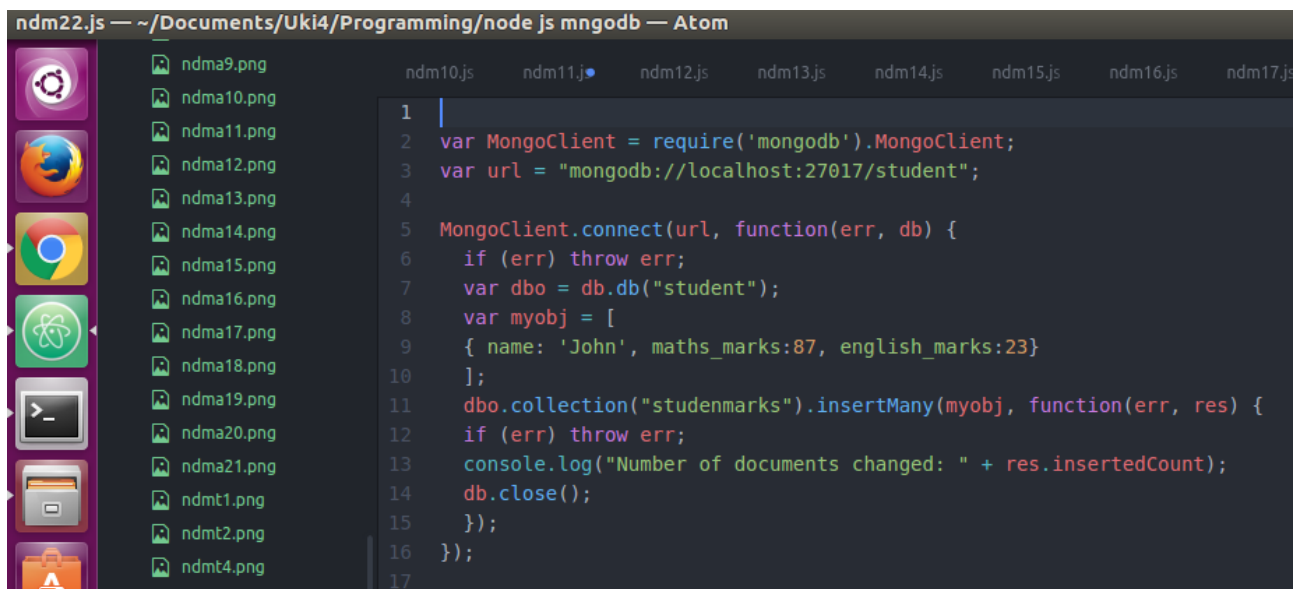
1
2 var MongoClient = require('mongodb').MongoClient;
3 var url = "mongodb://127.0.0.1:27017/student";
4
5 MongoClient.connect(url, function(err, db) {
6   if (err) throw err;
7   var dbo = db.db("student");
8   var myquery = { name: "Raam" };
9   var newvalues = { $set: {science_marks:75 } };
10  dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
11    if (err) throw err;
12    console.log("changed");
13    db.close();
14  });
15 });
16

ukistu03@uklpc03:~/Documents/Uki4/Programming/node js mngodb$ node ndm21.js
(node:11956) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass
option { useNewUrlParser: true } to MongoClient.connect.
changed
ukistu03@uklpc03:~/Documents/Uki4/Programming/node js mngodb$
```

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

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

```
MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  var myobj = [
    { name: 'John', maths_marks:87, english_marks:23}
  ];
  dbo.collection("studenmarks").insertMany(myobj, function(err, res) {
    if (err) throw err;
    console.log("Number of documents changed: " + res.insertedCount);
    db.close();
  });
});
```



The screenshot shows the Atom editor with a file explorer on the left. The main editor displays the code for ndm22.js, which is similar to ndm21.js but uses insertMany to add a new document.

```
ndm22.js — ~/Documents/Uki4/Programming/node js mngodb — Atom

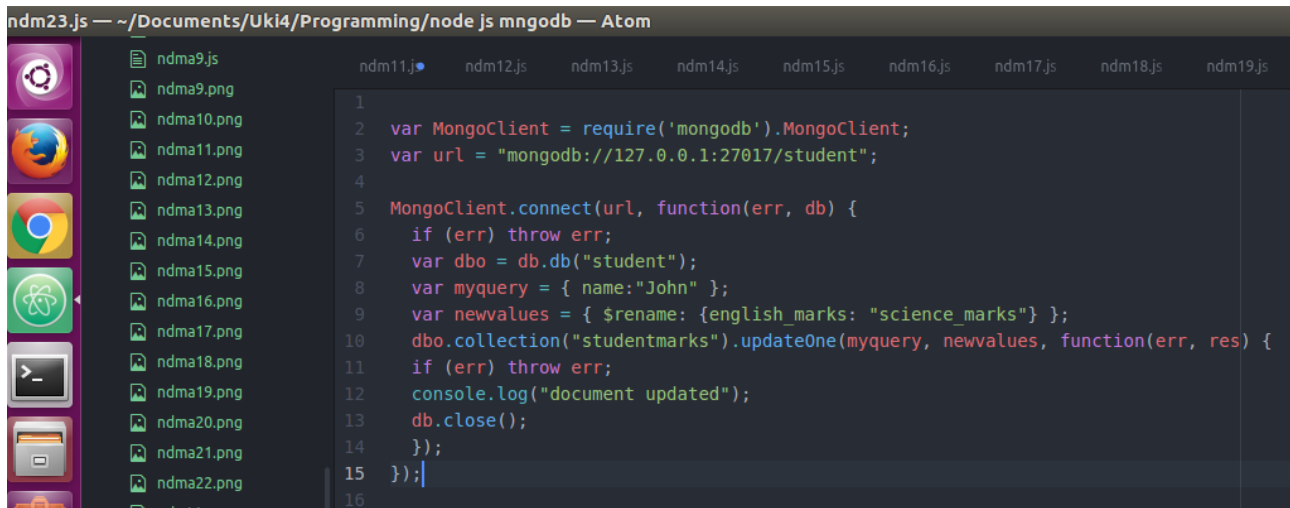
1
2 var MongoClient = require('mongodb').MongoClient;
3 var url = "mongodb://localhost:27017/student";
4
5 MongoClient.connect(url, function(err, db) {
6   if (err) throw err;
7   var dbo = db.db("student");
8   var myobj = [
9     { name: 'John', maths_marks:87, english_marks:23}
10  ];
11  dbo.collection("studenmarks").insertMany(myobj, function(err, res) {
12    if (err) throw err;
13    console.log("Number of documents changed: " + res.insertedCount);
14    db.close();
15  });
16 });
17
```

```
ukistu03@ukipc03:~/Documents/Uki4/Programming/node js mngodb$ node ndm22.js
(node:12567) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass
option { useNewUrlParser: true } to MongoClient.connect.
Number of documents changed: 1
ukistu03@ukipc03:~/Documents/Uki4/Programming/node js mngodb$
```

13) Rename the english_marks column/field for John to science_marks

```
code:var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://127.0.0.1:27017/student";
```

```
MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  var myquery = { name:"John" };
  var newvalues = { $rename: {english_marks: "science_marks"} };
  dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
    if (err) throw err;
    console.log("document updated");
  });
  db.close();
});
```



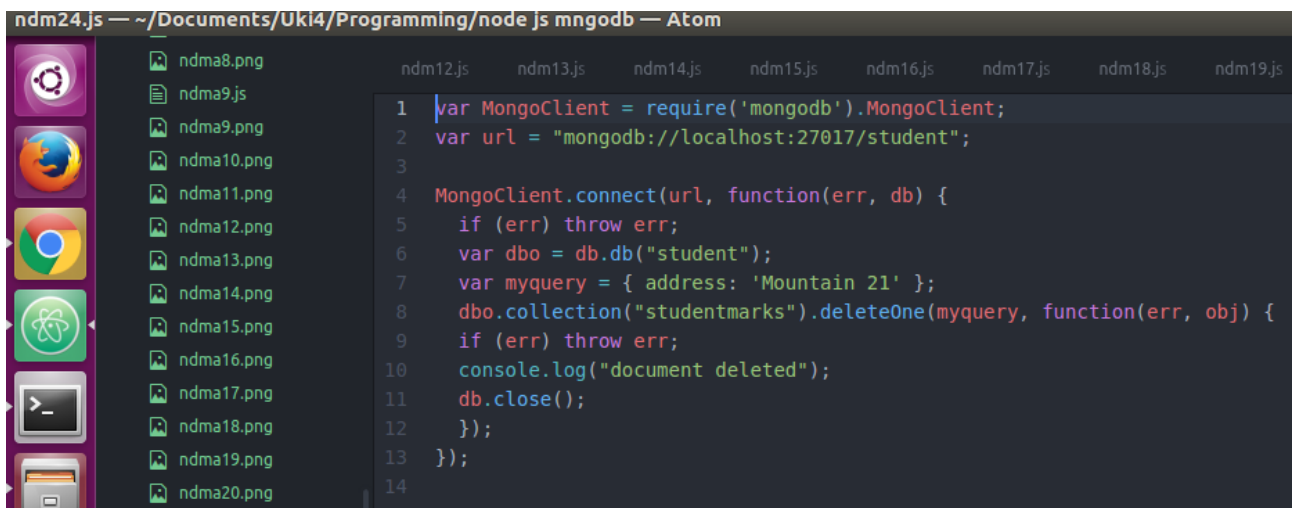
```
ukistu03@ukipc03:~/Documents/Uki4/Programming/node js mngodb$ node ndm23.js
(node:12804) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass
option { useNewUrlParser: true } to MongoClient.connect.
document updated
ukistu03@ukipc03:~/Documents/Uki4/Programming/node js mngodb$
```

14) Remove Kumaran's document from collection

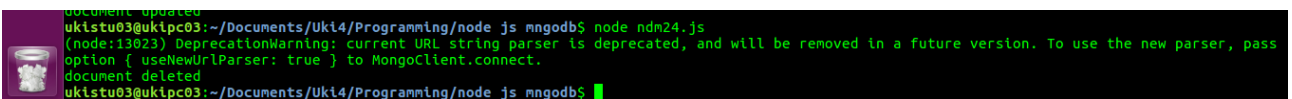
```
code:var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/student";
```

```
MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  var myquery = { address: 'Mountain 21' };
  dbo.collection("studentmarks").deleteOne(myquery, function(err, obj) {
    if (err) throw err;
    console.log("document deleted");
  });
  db.close();
});
```

```
});
});
```



```
ndm24.js — ~/Documents/Uki4/Programming/node js mngodb — Atom
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   var dbo = db.db("student");
7   var myquery = { address: 'Mountain 21' };
8   dbo.collection("studentmarks").deleteOne(myquery, function(err, obj) {
9     if (err) throw err;
10    console.log("document deleted");
11    db.close();
12  });
13 });
14
```

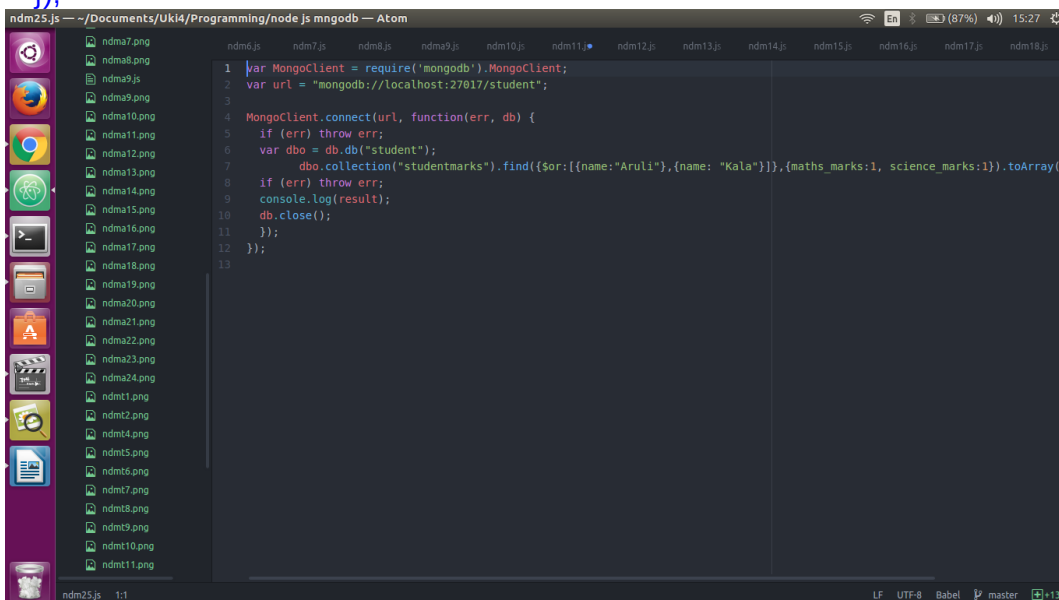


```
ukistu03@ukipc03:~/Documents/Uki4/Programming/node js mngodb$ node ndm24.js
(node:13023) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass
option { useNewUrlParser: true } to MongoClient.connect.
document deleted
ukistu03@ukipc03:~/Documents/Uki4/Programming/node js mngodb$
```

15) Find Kala's or Aruli's math_marks and science_marks

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

```
MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  dbo.collection("studentmarks").find({$or:[{name:"Aruli"},{name: "Kala"}]}, {maths_marks:1,
  science_marks:1}).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```



```
ndm25.js — ~/Documents/Uki4/Programming/node js mngodb — Atom
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   var dbo = db.db("student");
7   dbo.collection("studentmarks").find({$or:[{name:"Aruli"},{name: "Kala"}]}, {maths_marks:1, science_marks:1}).toArray(
8   if (err) throw err;
9   console.log(result);
10  db.close();
11  });
12 });
13
```

```
option { useNewUrlParser: true } to MongoClient.connect.  
document deleted.  
ukistu03@ukipc03:~/Documents/Ukt4/Programming/node.js mngodb$ node ndm25.js  
(node:13578) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To use the new parser, pass  
option { useNewUrlParser: true } to MongoClient.connect.  
[ { _id: 5b3f0b8b3d002443609e917e,  
  name: 'Kala',  
  maths_marks: 32,  
  english_marks: 46,  
  science_marks: 53,  
  average: 1,  
  Average: '' },  
  { _id: 5b3f0b8b3d002443609e917f,  
    name: 'Aruli',  
    maths_marks: 78,  
    english_marks: 85,  
    science_marks: 80,  
    average: 1,  
    Average: '' },  
  { _id: 5c52aa4027dc5d2310a02c61,  
    name: 'Kala',  
    maths_marks: 32,  
    english_marks: 46,  
    science_marks: 53,  
    average: 1,  
    Average: '' },  
  { _id: 5c52aa4027dc5d2310a02c62,  
    name: 'Arull',  
    maths_marks: 78,  
    english_marks: 85,  
    science_marks: 80,  
    average: 1,  
    Average: '' } ]  
ukistu03@ukipc03:~/Documents/Ukt4/Programming/node.js mngodb$
```