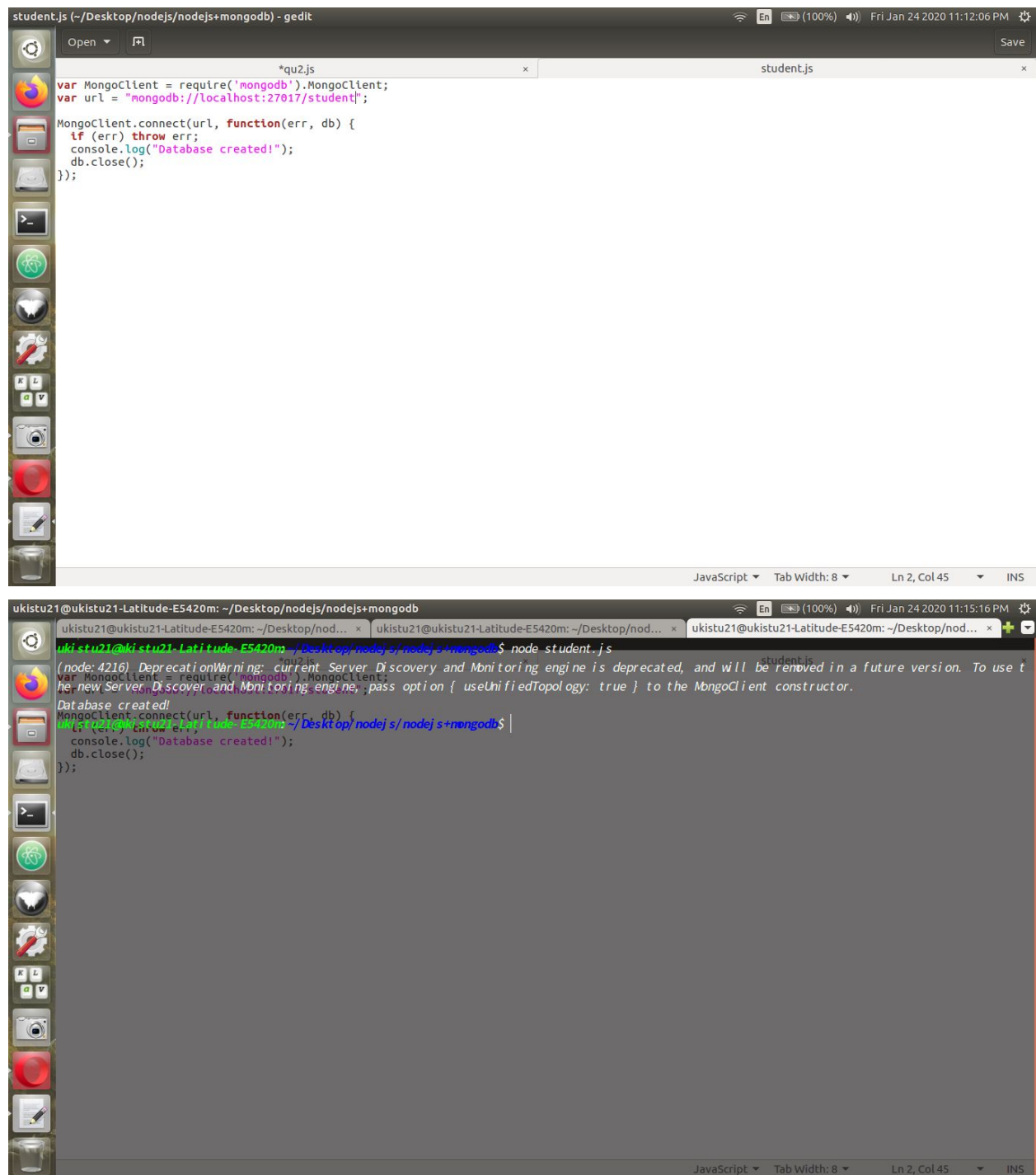


## 1) Create a Database called student



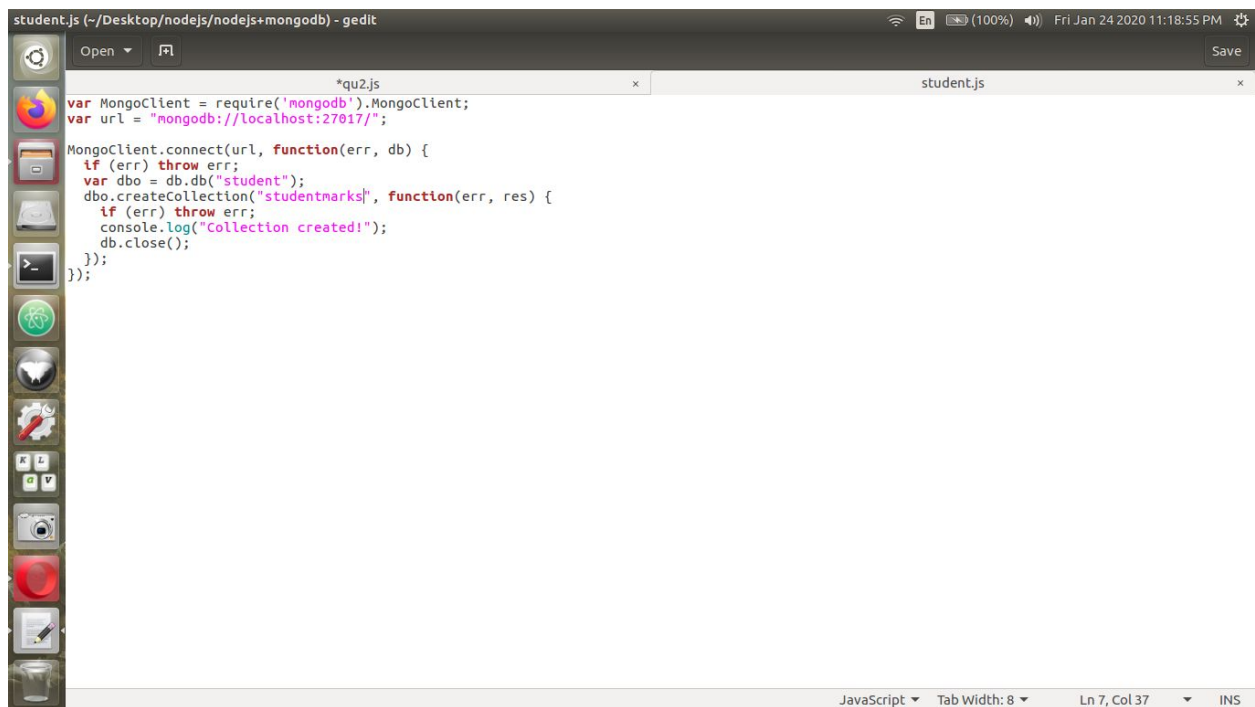
The image shows a code editor window titled 'student.js (~/Desktop/nodejs/nodejs+mongodb) - gedit' and a terminal window below it. The code in the editor creates a MongoDB database named 'student'. The terminal shows the command 'node student.js' being executed, which results in the message 'Database created!'.

```
student.js (~/Desktop/nodejs/nodejs+mongodb) - gedit
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();
});
```

```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$ node student.js
(node:4216) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
Database created!
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$
```

## 2) Create a collection called studentmarks

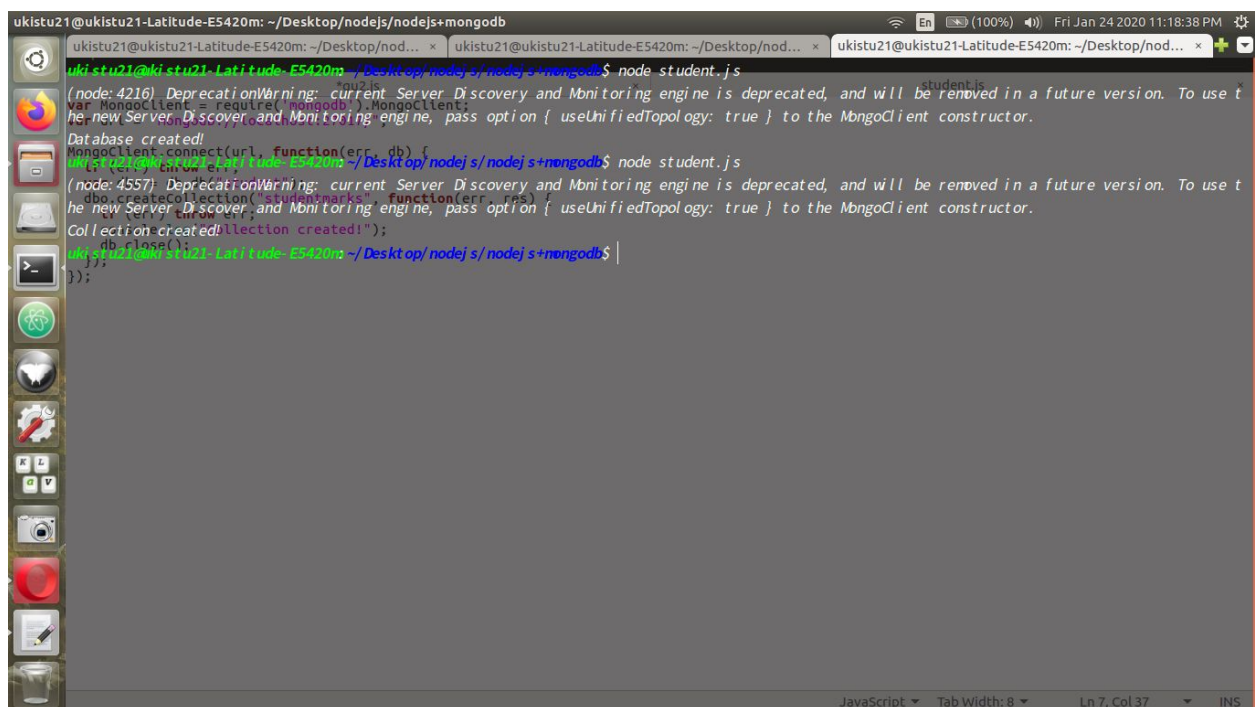


The screenshot shows a gedit editor window titled "student.js (~/.Desktop/nodejs/nodejs+mongodb) - gedit". The editor has two tabs: "\*qu2.js" and "student.js". The "student.js" tab is active, showing the following JavaScript code:

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

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

The status bar at the bottom indicates "JavaScript", "Tab Width: 8", "Ln 7, Col 37", and "INS".



The screenshot shows a terminal window with the prompt "ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nodejs/nodejs+mongodb". The user has entered the command "node student.js". The terminal output shows the following:

```
ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nodejs/nodejs+mongodb$ node student.js
(node:4216) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
Database created!
ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nodejs/nodejs+mongodb$ node student.js
(node:4557) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
Collection created!
ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nodejs/nodejs+mongodb$
```

The status bar at the bottom indicates "JavaScript", "Tab Width: 8", "Ln 7, Col 37", and "INS".

### 3) Create the documents listed in the above table.

```
qu2.js (~/.Desktop/nodejs/nodejs+mongodb) - gedit
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

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: 'Kunaran', 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, science_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();
  });
});
```

```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$ node student.js
(node:4216) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
Database created!
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$ node student.js
(node:4557) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
Collection created!
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$ node qu2.js
(node:5121) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
Number of documents inserted: 9
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$
```

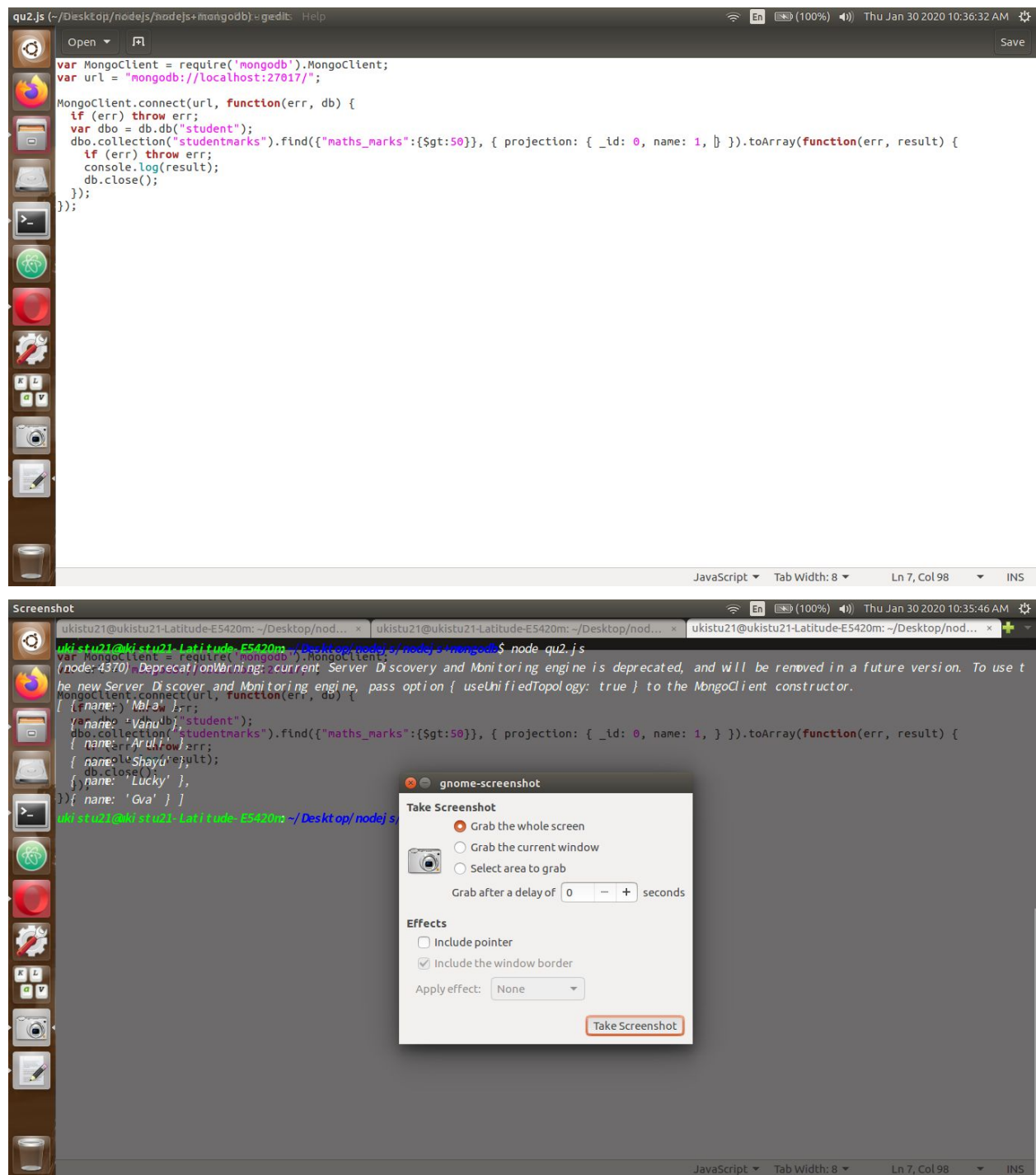
#### 4) Increase the maths marks of Mala by 6 marks

```
qu2.js (~/.Desktop/nodejs/nodejs+mongodb) - gedit
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://127.0.0.1:27017/";

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

```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$ node qu2.js
(node:2837) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
1 document updated;
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$
```

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



The screenshot displays a Linux desktop environment. At the top, a code editor window titled 'qu2.js' is open, showing JavaScript code that connects to a MongoDB database and queries for students with marks greater than 50 in the 'maths' subject. The code is as follows:

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

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  dbo.collection("studentmarks").find({"maths_marks":{$gt:50}}, { projection: { _id: 0, name: 1, } }).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```

Below the code editor, a terminal window is open, showing the execution of the script. The terminal output indicates a deprecation warning and the successful execution of the query, which returns the following data:

```
{ name: 'Arul', }
{ name: 'Shayu', }
{ name: 'Lucky', }
{ name: 'Gva', }
```

A 'gnome-screenshot' dialog box is also visible, allowing the user to take a screenshot of the entire screen, the current window, or a specific area. The dialog includes options for including a pointer, window border, and applying effects.



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

```
qu2.js (~/Desktop/nodejs/nodejs+mongodb) - gedit
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  dbo.collection("studentmarks").aggregate([{"$addFields": {"average": ""}}]).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```

ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb

ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x

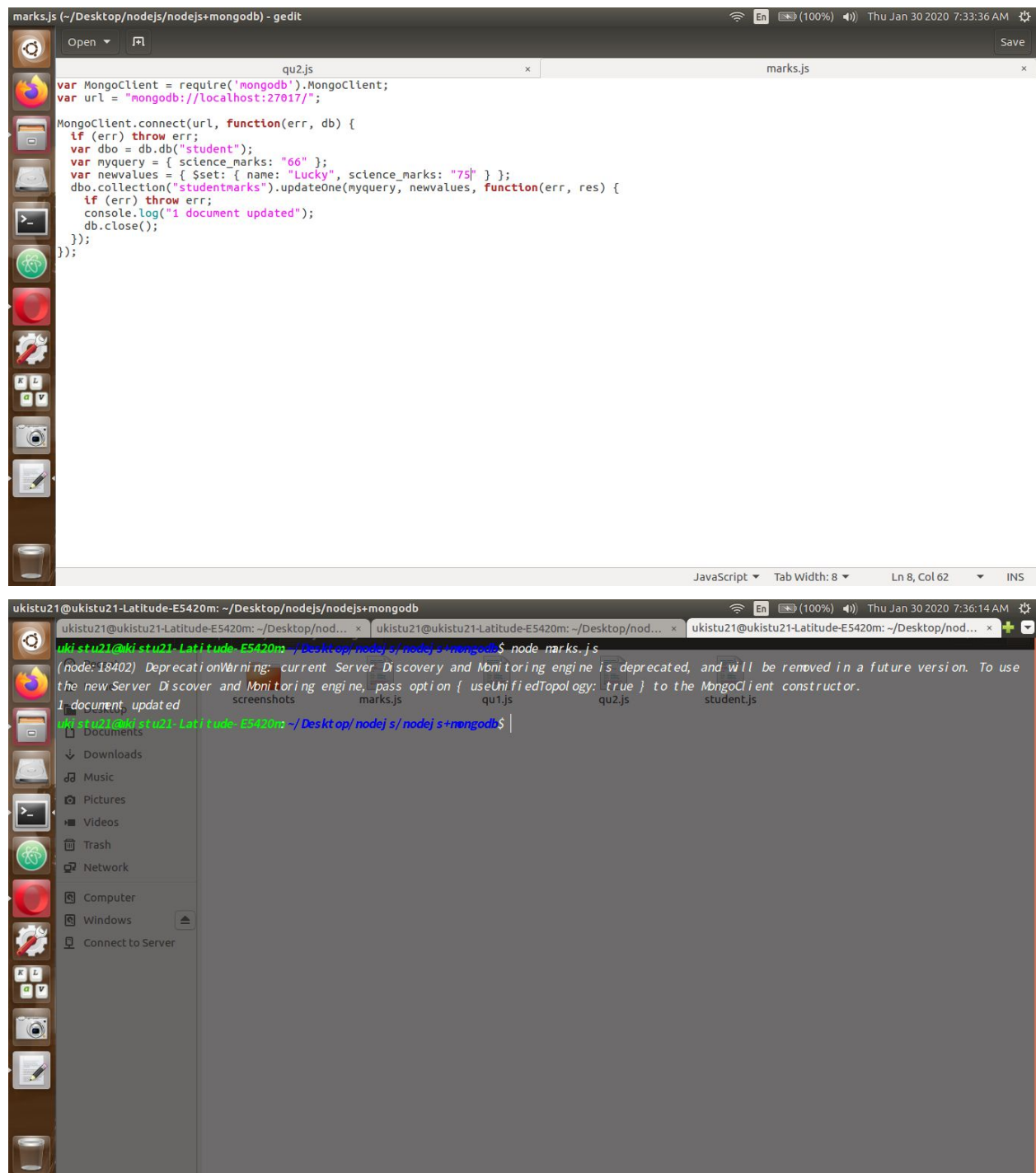
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb\$ node qu2.js

(node:2780) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.

```
[{"_id": "5e2b3228e497f9140109e2e4",
  name: "Mila",
  maths_marks: 51,
  english_marks: 53,
  science_marks: 72,
  average: "" },
 {"_id": "5e2b3228e497f9140109e2e5",
  name: "Vanu",
  maths_marks: 80,
  english_marks: 75,
  science_marks: 85,
  average: "" },
 {"_id": "5e2b3228e497f9140109e2e6",
  name: "Kala",
  maths_marks: 32,
  english_marks: 46,
  science_marks: 53,
  average: "" },
 {"_id": "5e2b3228e497f9140109e2e7",
  name: "Aruli",
  maths_marks: 78,
  english_marks: 85,
  science_marks: 80,
  average: "" },
 {"_id": "5e2b3228e497f9140109e2e8",
  name: "Lucky",
  maths_marks: 75,
  english_marks: 75,
  science_marks: 75,
  average: "" }]
```

Update Marks Science=75 to Lucky .

## 7) Update Marks\_Science=75 to Lucky .



The image shows a Gedit editor window and a terminal window. The Gedit window is titled 'marks.js (~/.Desktop/nodejs/nodejs+mongodb) - gedit' and contains the following JavaScript code:

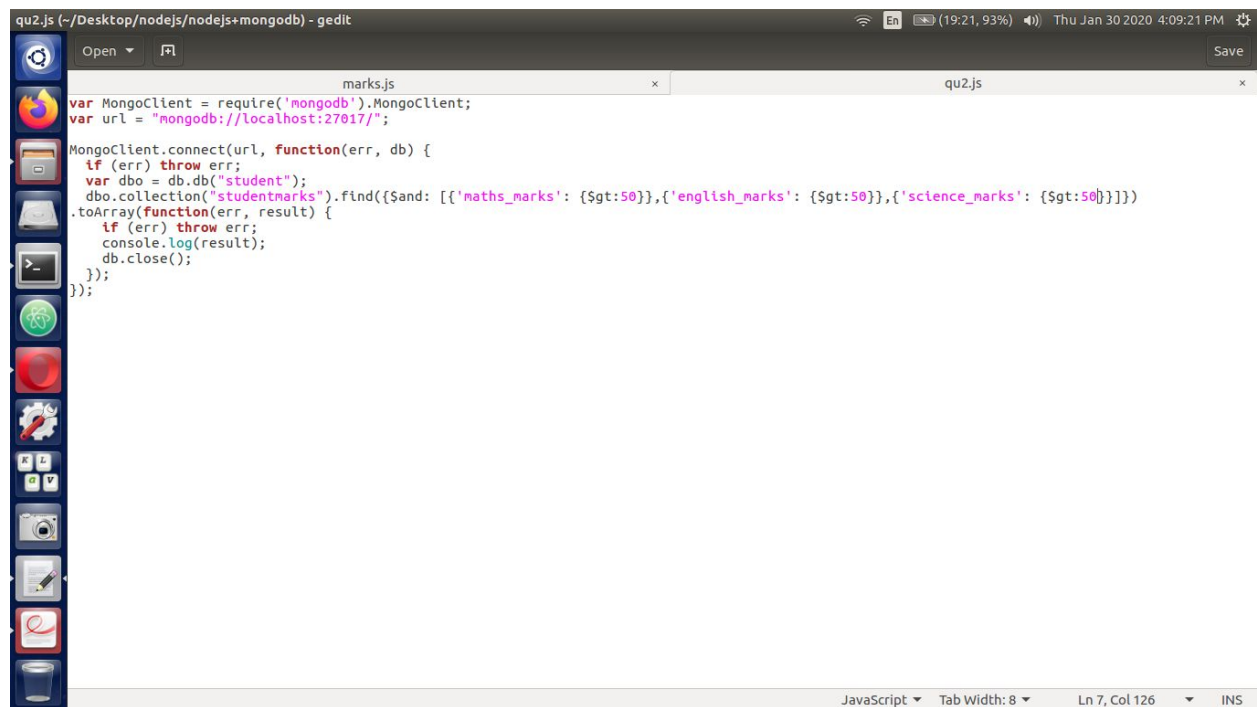
```
marks.js (~/.Desktop/nodejs/nodejs+mongodb) - gedit
qu2.js x marks.js x
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  var myquery = { science_marks: "66" };
  var newvalues = { $set: { name: "Lucky", science_marks: "75" } };
  dbo.collection("studentmarks").updateOne(myquery, newvalues, function(err, res) {
    if (err) throw err;
    console.log("1 document updated");
    db.close();
  });
});
```

The terminal window shows the command `node marks.js` being executed. The output is `1 document updated`. The terminal also displays a deprecation warning from Node.js:

```
ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nodejs/nodejs+mongodb$ node marks.js
(node:18402) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
1 document updated
```

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

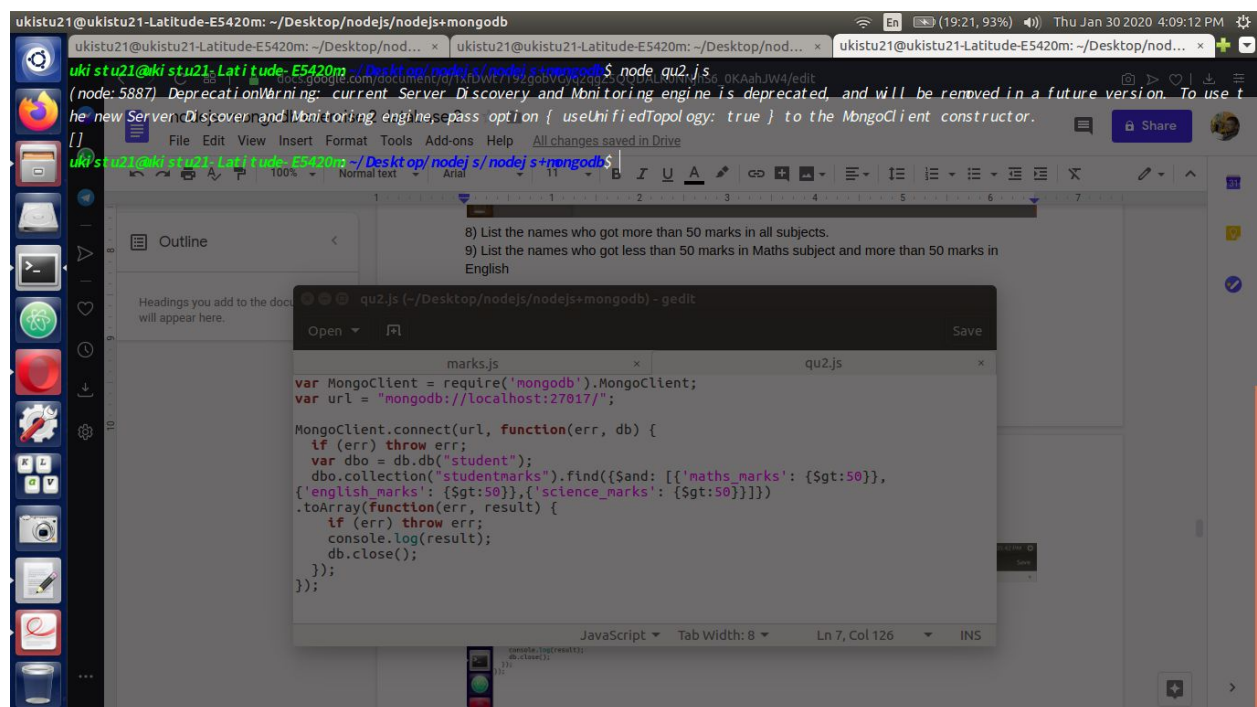


The screenshot shows a code editor window titled 'qu2.js (~/Desktop/nodejs/nodejs+mongodb) - gedit'. The editor has two tabs: 'marks.js' and 'qu2.js'. The 'qu2.js' tab is active, showing the following JavaScript code:

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

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

The status bar at the bottom indicates 'JavaScript', 'Tab Width: 8', 'Ln 7, Col 126', and 'INS'.



The screenshot shows a code editor window titled 'ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb'. The editor has two tabs: 'marks.js' and 'qu2.js'. The 'qu2.js' tab is active, showing the same JavaScript code as in the previous screenshot. A terminal window is open in the foreground, displaying the command 'node qu2.js' and its output:

```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb $ node qu2.js
(node:5887) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, please pass option { useUnifiedTopology: true } to the MongoClient constructor.
[
  {
    name: 'John',
    maths_marks: 55,
    english_marks: 55,
    science_marks: 55
  },
  {
    name: 'Jane',
    maths_marks: 55,
    english_marks: 55,
    science_marks: 55
  }
]
```

The status bar at the bottom indicates 'JavaScript', 'Tab Width: 8', 'Ln 7, Col 126', and 'INS'.

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



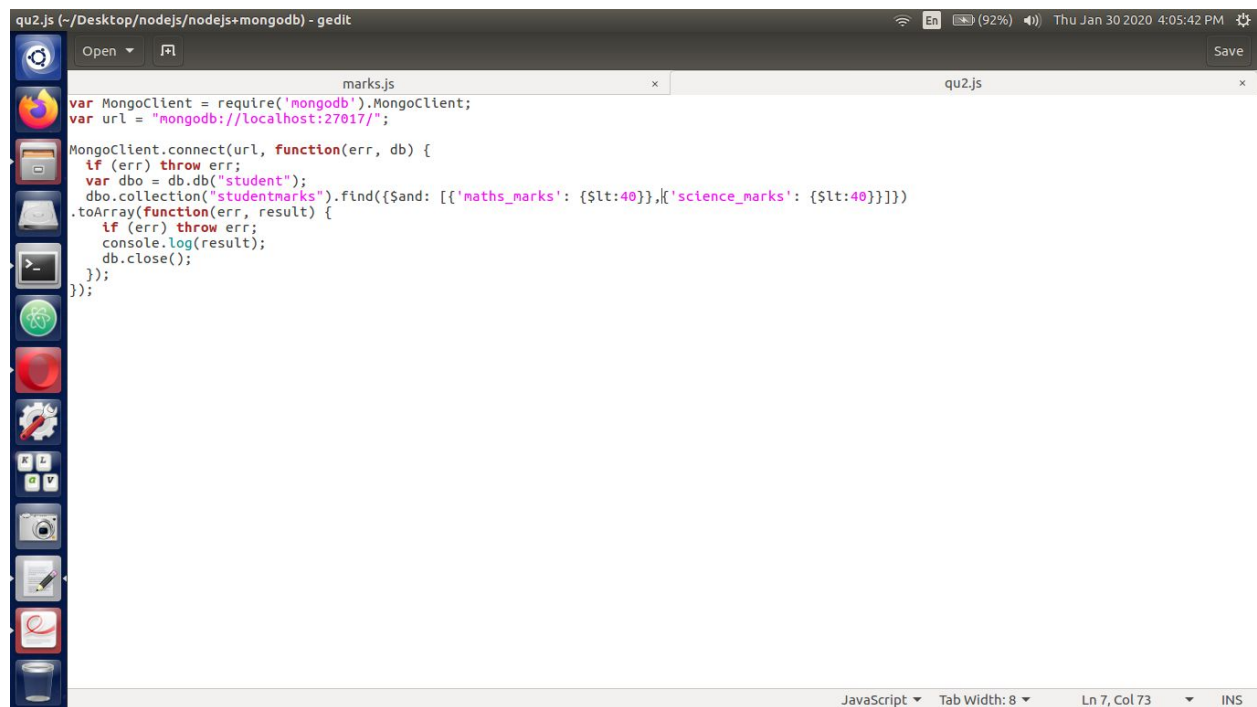
```
qu2.js (~/Desktop/nodejs/nodejs+mongodb) - gedit
marks.js x qu2.js x
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

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

```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$ node qu2.js
(node:5755) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

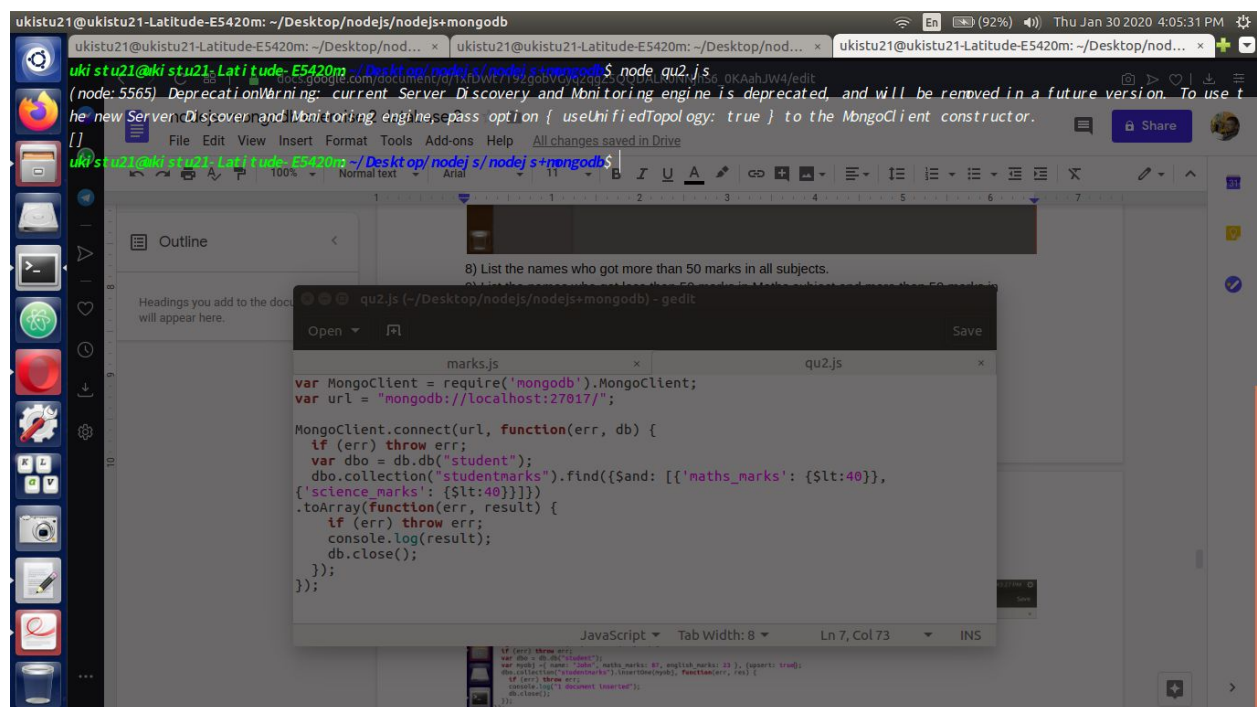
MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  dbo.collection("studentmarks").find({$and: [{'maths_marks': {$lt:50}},{'english_marks': {$gt:50}}]})
  .toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
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

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



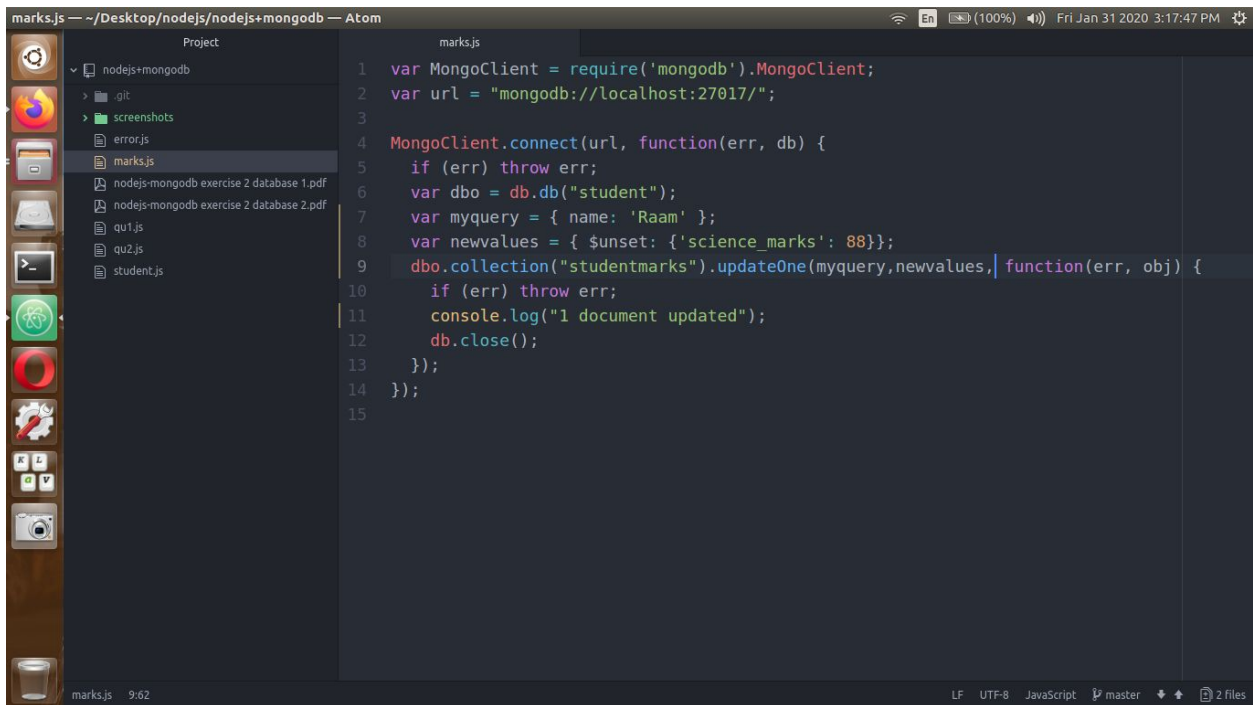
```
qu2.js (~/Desktop/nodejs/nodejs+mongodb) - gedit
marks.js
qu2.js
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  dbo.collection("studentmarks").find({$and: [{'maths_marks': {$lt:40}},{'science_marks': {$lt:40}}]})
  .toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```



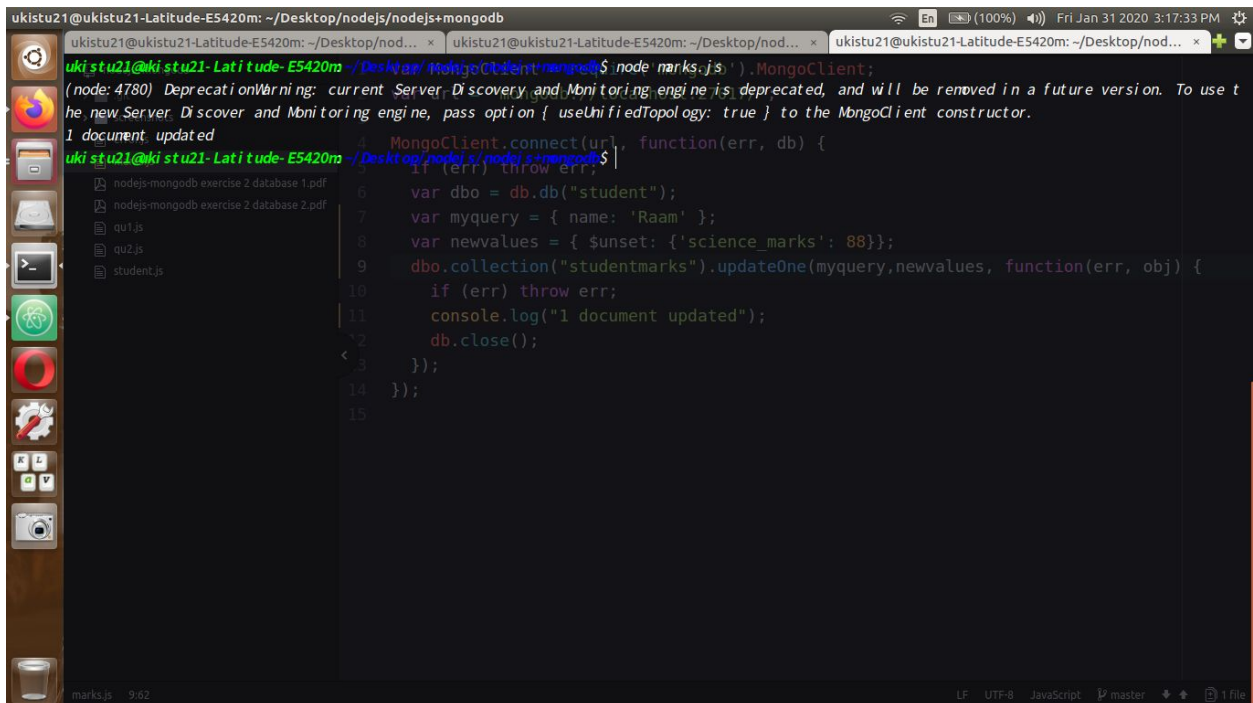
```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb $ node qu2.js
(node:5565) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, please pass option { useUnifiedTopology: true } to the MongoClient constructor.
[
  {
    name: 'John',
    maths_marks: 35,
    english_marks: 25,
    science_marks: 30
  },
  {
    name: 'David',
    maths_marks: 35,
    english_marks: 25,
    science_marks: 30
  }
]
```

## 11) Remove Science column/field for Raam



The screenshot shows the Atom text editor with a project named 'nodejs+mongodb' open. The file 'marks.js' is selected in the left sidebar. The code in the editor 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: 'Raam' };
8   var newvalues = { $unset: {'science_marks': 88}};
9   dbo.collection("studentmarks").updateOne(myquery,newvalues,function(err, obj) {
10     if (err) throw err;
11     console.log("1 document updated");
12     db.close();
13   });
14 });
15
```

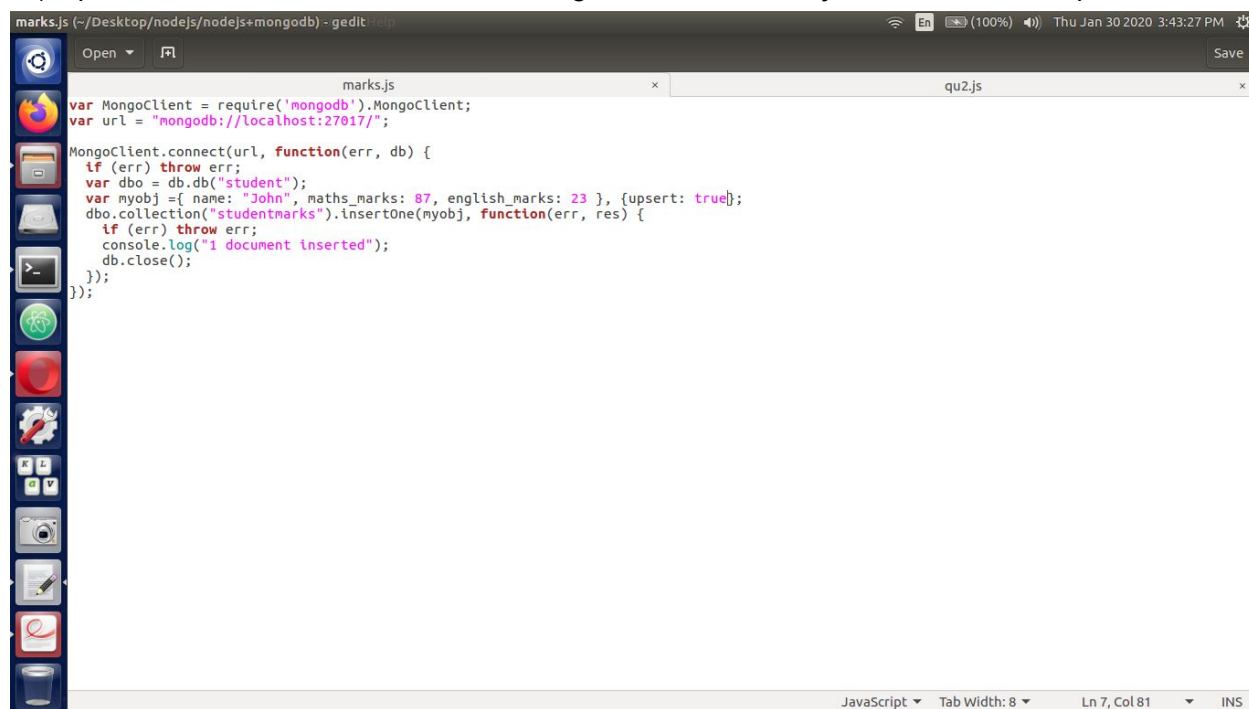


The screenshot shows a terminal window and the Atom editor. The terminal displays the command to run the script and its output:

```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb
$ node marks.js
(node:4780) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
1 document updated
```

The Atom editor shows the same code as the first screenshot, but with a cursor on line 9. The status bar at the bottom indicates 'marks.js 9:62'.

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

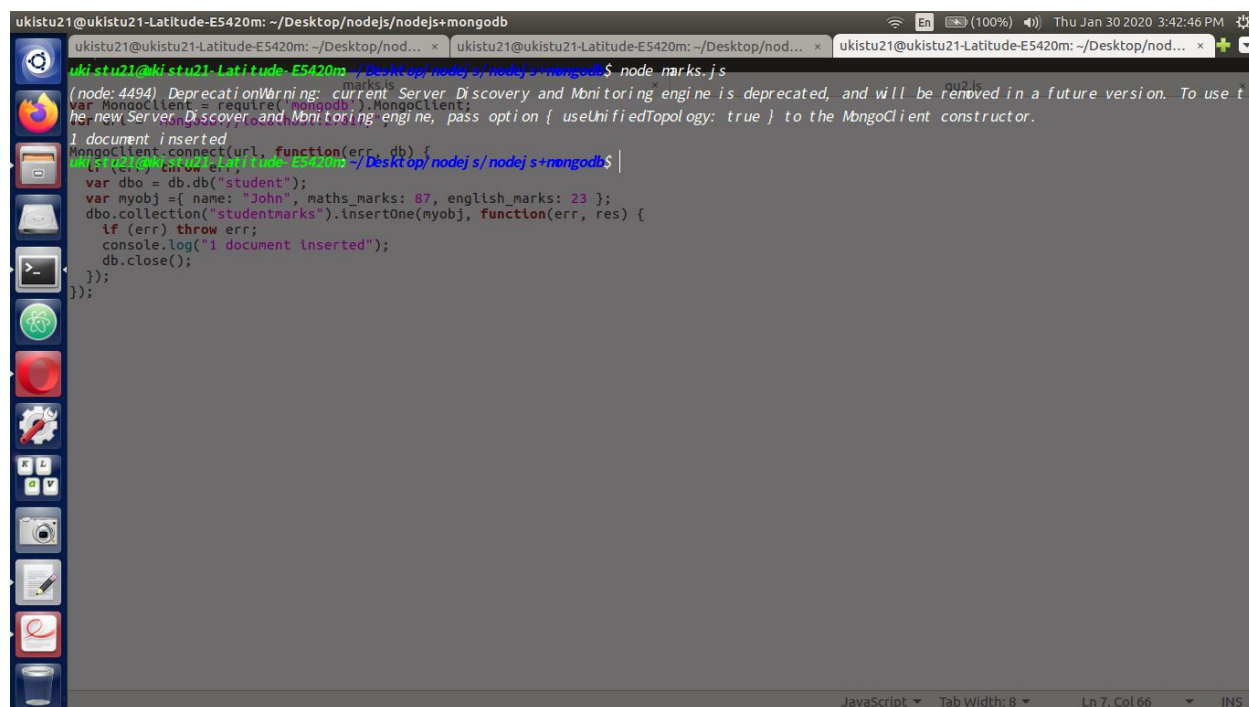


The screenshot shows a code editor with two tabs: 'marks.js' and 'qu2.js'. The 'marks.js' tab is active, displaying the following JavaScript code:

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

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 }, {upsert: true};
  dbo.collection("studentmarks").insertOne(myobj, function(err, res) {
    if (err) throw err;
    console.log("1 document inserted");
    db.close();
  });
});
```

The editor's status bar at the bottom indicates 'JavaScript', 'Tab Width: 8', 'Ln 7, Col 81', and 'INS'.

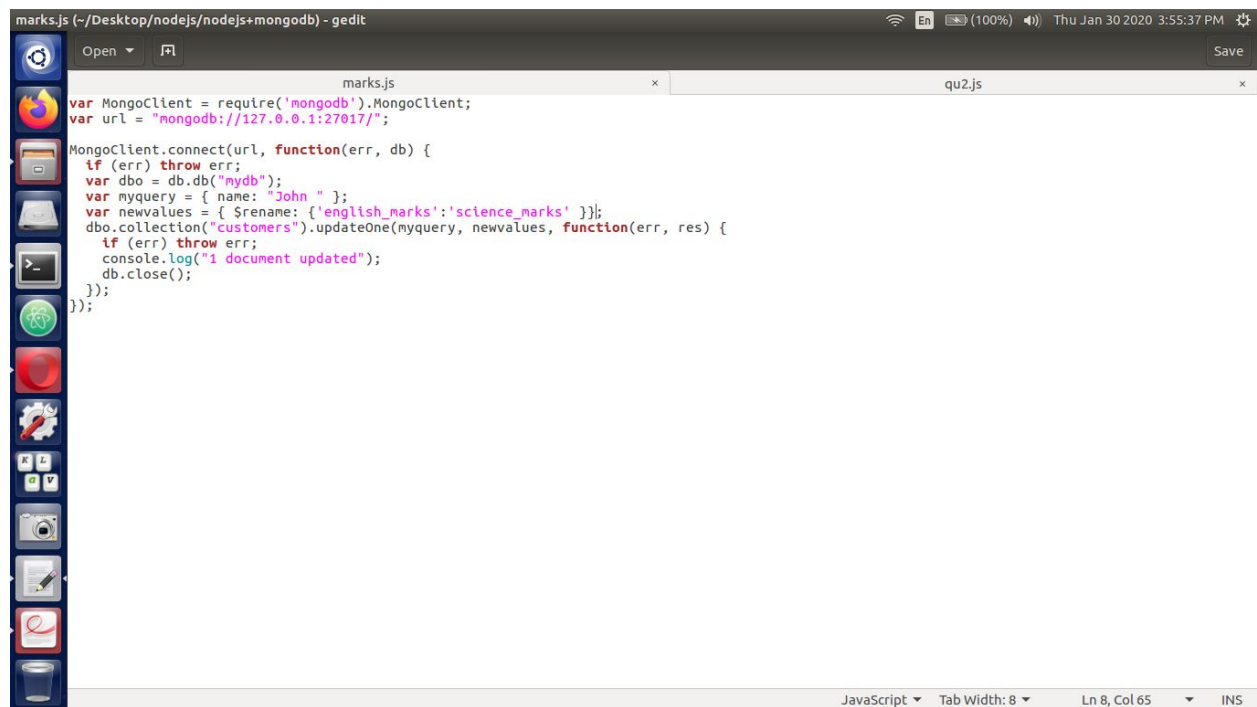


The screenshot shows a terminal window with the following output:

```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$ node marks.js
(node:4494) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
1 document inserted
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("studentmarks").insertOne(myobj, function(err, res) {
    if (err) throw err;
    console.log("1 document inserted");
    db.close();
  });
});
```

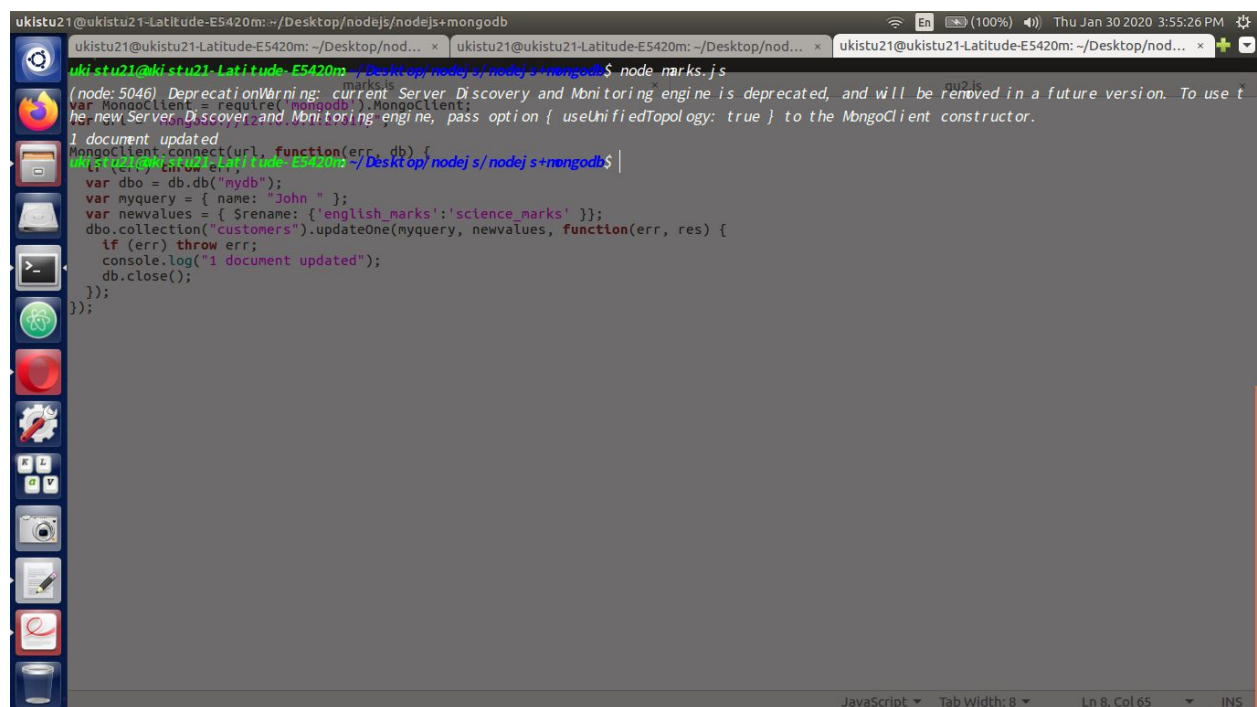
The terminal window's status bar at the bottom indicates 'JavaScript', 'Tab Width: 8', 'Ln 7, Col 66', and 'INS'.

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



```
marks.js (~/.Desktop/nodejs/nodejs+mongodb) - gedit
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://127.0.0.1:27017/";

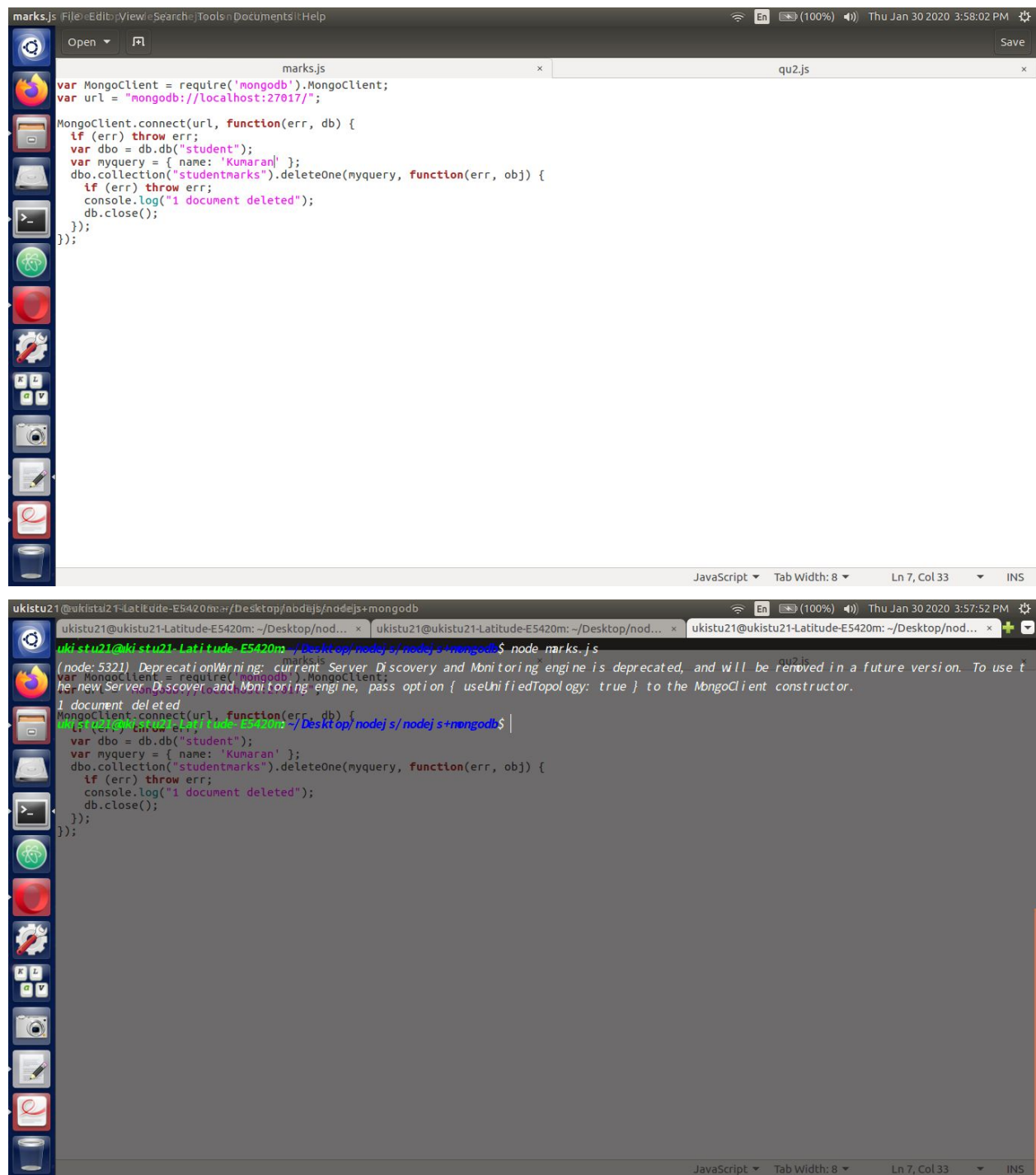
MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("mydb");
  var myquery = { name: "John " };
  var newvalues = { $rename: { 'english_marks': 'science_marks' } };
  dbo.collection("customers").updateOne(myquery, newvalues, function(err, res) {
    if (err) throw err;
    console.log("1 document updated");
    db.close();
  });
});
```



```
ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nod... x  ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nod... x  ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nod... x
ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nodejs/nodejs+mongodb$ node marks.js
(node:5046) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
1 document updated
ukistu21@ukistu21-Latitude-E5420m: ~/.Desktop/nodejs/nodejs+mongodb$
```



## 14) Remove Kumaran's document from collection



The image shows a code editor window with two tabs: 'marks.js' and 'qu2.js'. The 'marks.js' tab is active, displaying the following JavaScript code:

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

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

Below the code editor is a terminal window. The terminal shows the command to run the script and the output:

```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$ node marks.js
(node:5321) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
1 document deleted
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$
```

The terminal output confirms that one document was deleted. The status bar at the bottom of the code editor indicates 'JavaScript', 'Tab Width: 8', 'Ln 7, Col 33', and 'INS'.

## 15) Find Kala's or Aruli's math\_marks and science\_marks

```
qu2.js (~/.Desktop/nodejs/nodejs+mongodb) - gedit
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  dbo.collection("studentmarks").find({$or: [{'name': 'Aruli'}, {'name': 'Kala'}]}), { projection: { _id: 0, 'science_marks': 1, 'maths_marks': 1 }})
  .toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```

```
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nod... x
ukistu21@ukistu21-Latitude-E5420m: ~/Desktop/nodejs/nodejs+mongodb$ node qu2.js
(node:3520) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discovery and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("student");
  dbo.collection("studentmarks").find({$or: [{'name': 'Aruli'}, {'name': 'Kala'}]}), { projection: { _id: 0, 'science_marks': 1, 'maths_marks': 1 }})
  .toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```