

1. Create a simple http server and print “Welcome to Uki. I am **yourname**” when a request is sent to your server via the port 8000. (Note - Change different port numbers and check)

```
var http = require('http');

//create a server object:
http.createServer(function (req, res) {
  res.write('welcome to uki,Im thaya!'); //wr
  res.end(); //end the response
}).listen(8080); //the server object listens
```

Output:

 ⓘ | localhost:8080

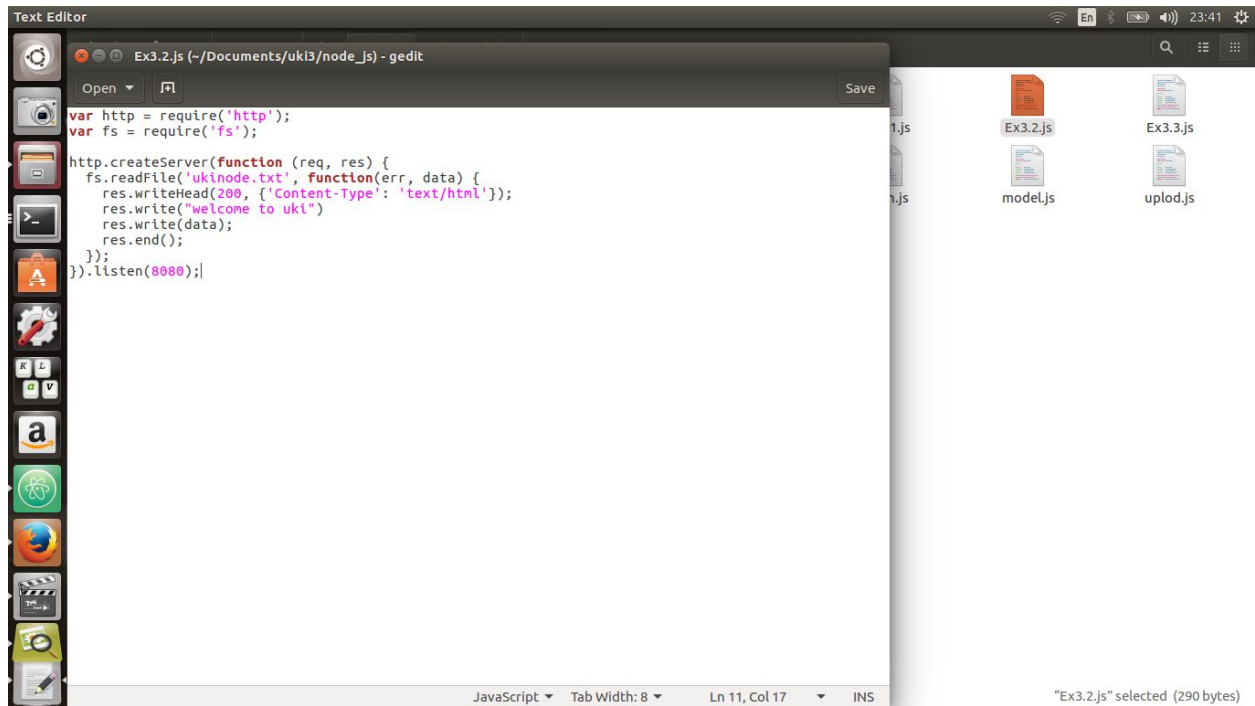
welcome to uki,Im thaya!

1. Using the file system module create a new file called ukinode.txt
 - 3.1 Write a paragraph about Uki into that file

```
var fs = require('fs');

fs.appendFile('uki coding school', 'very Excelent', function (err) {
  if (err) throw err;
  console.log('Saved!');
});
```

- 3.2 Serve that file to the client (Read File) over your server



3.3 Append another paragraph about Uki and now serve the new file

```
var fs = require('fs');

fs.appendFile('ukinode.txt', 'Hello content!', function (err) {
  if (err) throw err;
  console.log('updated');
});
```

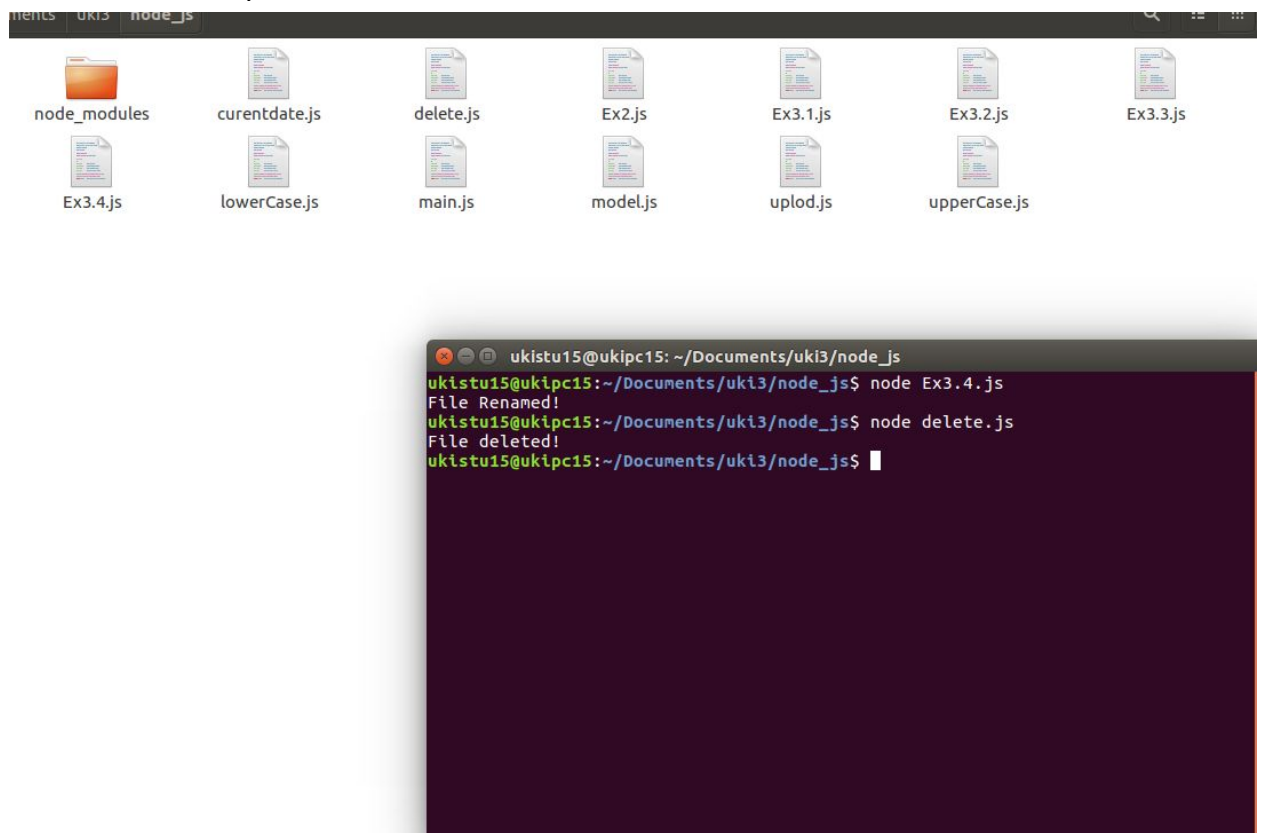
welcome to ukiHello content!Hello content!

3.4 Rename the file as ukinodejsexercise1.txt

```
var fs = require('fs');

fs.rename('ukinode.txt', 'ukinodejsexercise1.txt', function (err) {
  if (err) throw err;
  console.log('File Renamed!');
});
```

3.5 Delete the file you created



5. Install the package “upper-case” using NPM and create a Node.js file that will convert the output "Uki is the best place to learn programming !" into upper-case letters.

```
var http = require('http');
var uc = require('upper-case');
http.createServer(function (req, res) {
  res.write(uc("uki is the best place to learn progaramming!"));
  res.end();
}).listen(8080);
```

localhost:8080

240%



UKI IS THE BEST PLACE TO LEARN PROGARAMMING!

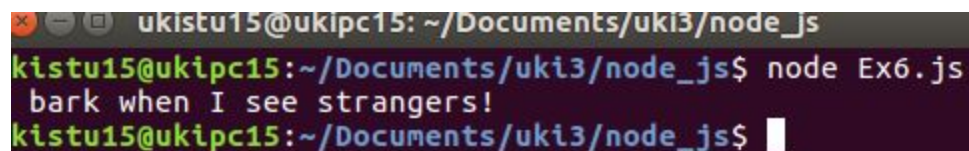
6. Create an event handler function that will say "I bark when I see strangers !" when a "bark" event is fired.

```
var events = require('events');
var EventEmitter = new events.EventEmitter();

//Create an event handler:
var myEventHandler = function () {
  console.log('I bark when I see strangers!');
}

//Assign the event handler to an event:
eventEmitter.on('bark', myEventHandler);

//Fire the 'scream' event:
eventEmitter.emit('bark');
```

A terminal window with a dark background. The prompt is 'kistu15@ukipc15: ~/Documents/uki3/node_js'. The command 'node Ex6.js' has been executed, resulting in the output 'bark when I see strangers!'. The prompt is now 'kistu15@ukipc15: ~/Documents/uki3/node_js\$' with a cursor.

```
kistu15@ukipc15: ~/Documents/uki3/node_js$ node Ex6.js
bark when I see strangers!
kistu15@ukipc15: ~/Documents/uki3/node_js$
```

7. Install “formidable” module using npm and make a web page in Node.js that lets the user upload files to your computer.

7.1 Save that uploaded file into your Documents directory.

← ⓘ | localhost:8080/fileupload

Browse... index.html

Submit Query

File uploaded