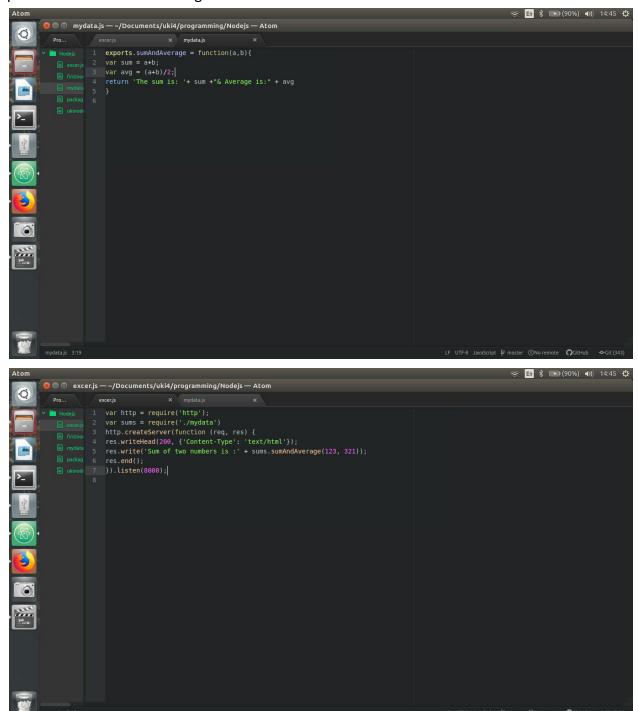
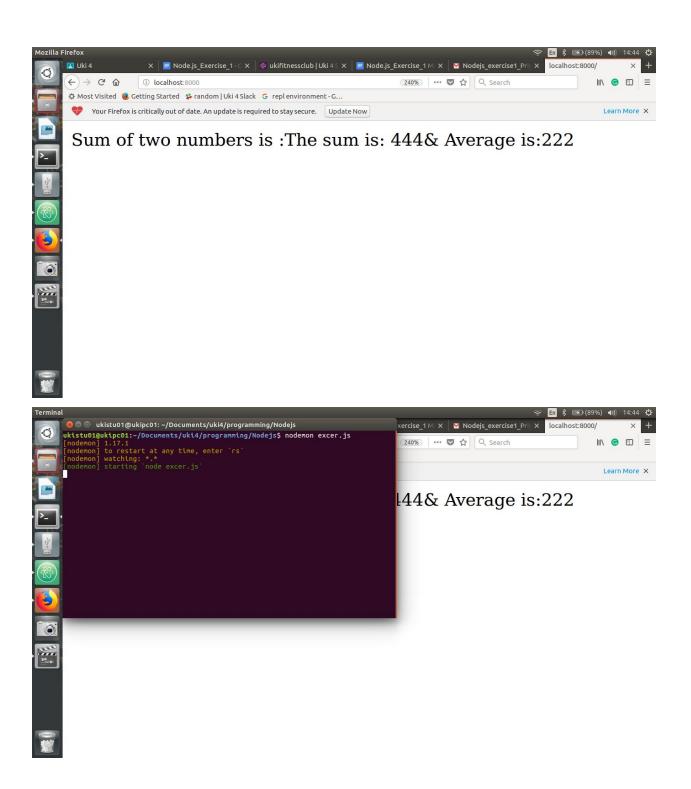
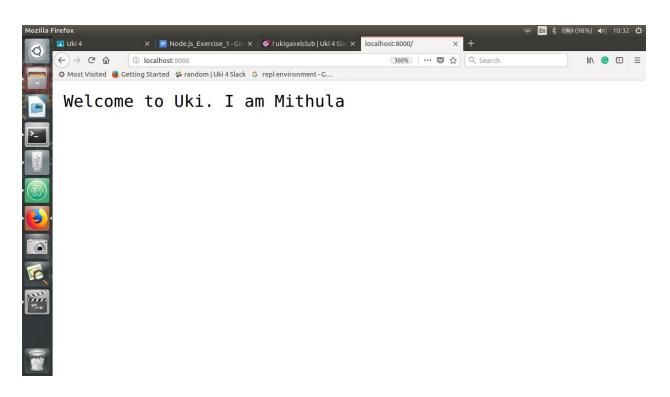
1. Create a custom module which returns the sum and average of any two numbers passed into it. Require the module and run the server by passing 123 and 321 so that the server prints out the sum and average.

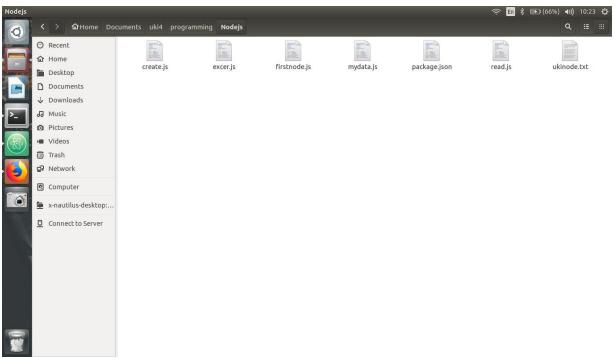




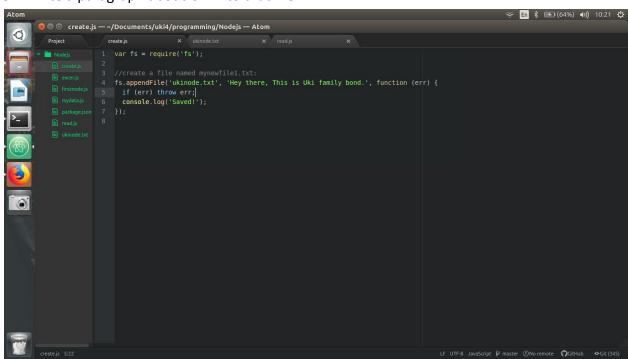
2. Create a simple http server and print "Welcome to Uki. I am **yourname**" when a request is sent to your server via the port 8000. (Note - Change different port numbers and check)



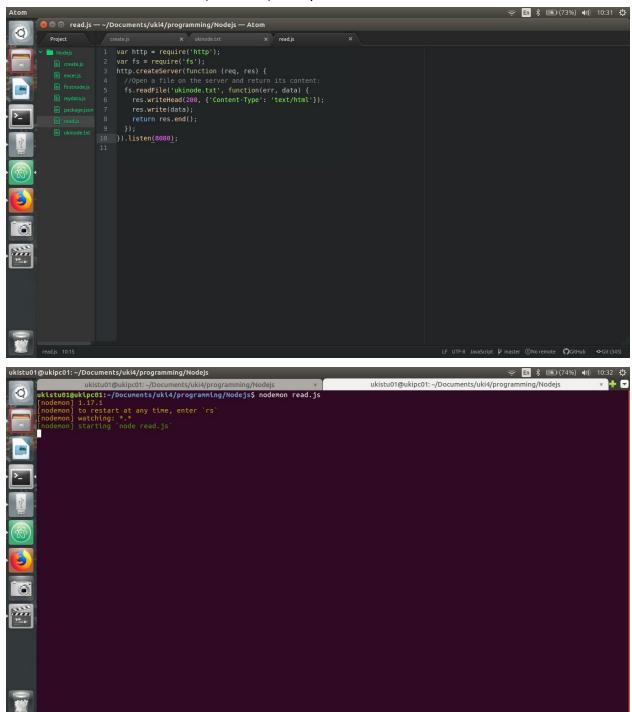
3. Using the file system module create a new file called ukinode.txt

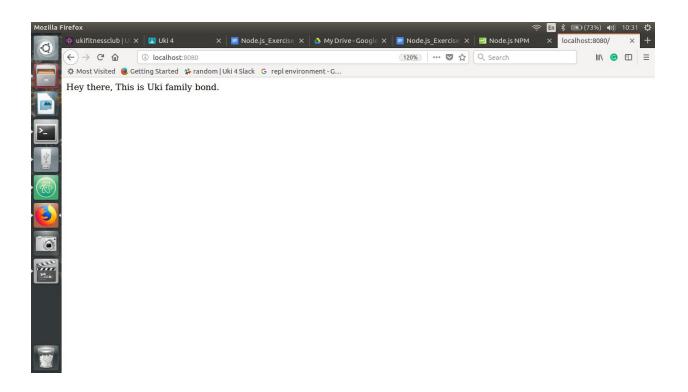


## 3.1 Write a paragraph about Uki into that file

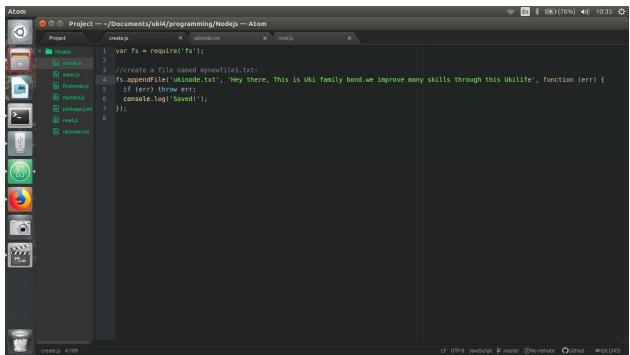


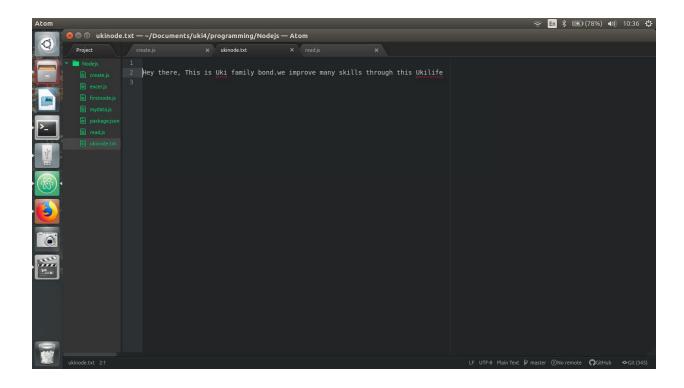
3.2 Serve that file to the client (Read File) over your server





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





## 3.4 Rename the file as ukinodejsexercise1.txt

```
Atom

| Comparison | Some | So
```

```
ukistuo1@ukipc01:-/Documents/uki4/programming/Nodejs$ nodenon renane.js

ukistuo1@ukipc03:-/Documents/uki4/programming/Nodejs$ nodenon renane.js

indenon] 1.17.1

indenon] to restart at any time, enter 'rs'

indenon] to restart ut any time, enter 'rs'

indenon] stellar enane.js'

rile Renaned!

Indenon] clean exit - waiting for changes before restart

indenon] clean exit - waiting for changes before restart

indenon] clean exit - waiting for changes before restart

indenon] clean exit - waiting for changes before restart

indenon] clean exit - waiting for changes before restart

indenon] clean exit - waiting for changes before restart

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indenon] clean exit - waiting for changes before restart

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indenon to restart at any time, enter 'rs'

indenon] clean exit - waiting for changes before restart

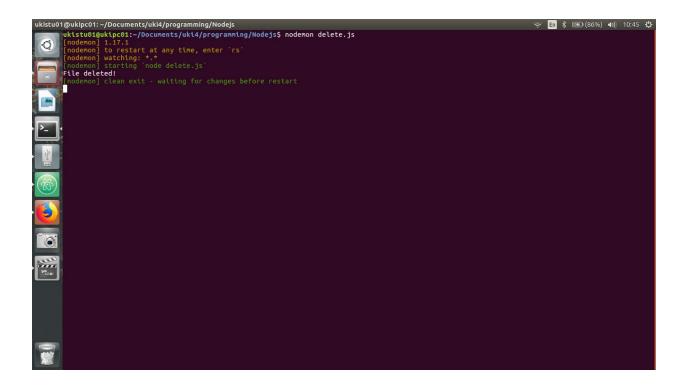
indenon time, enter 'rs'

indenon time, ente
```

## 3.5 Delete the file you created

```
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| Comparison | Comparison
```

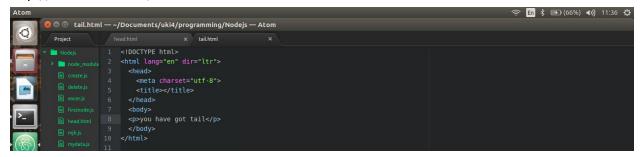


4. Create two html files called head.html which is a web page which says 'you have got head ' and tail.html which is a web page which says 'you have got tail' and save them in the same folder as your node.js files. Create a Node.js file that opens the requested file and returns the content to the client. If anything goes wrong, throw a 404 error.

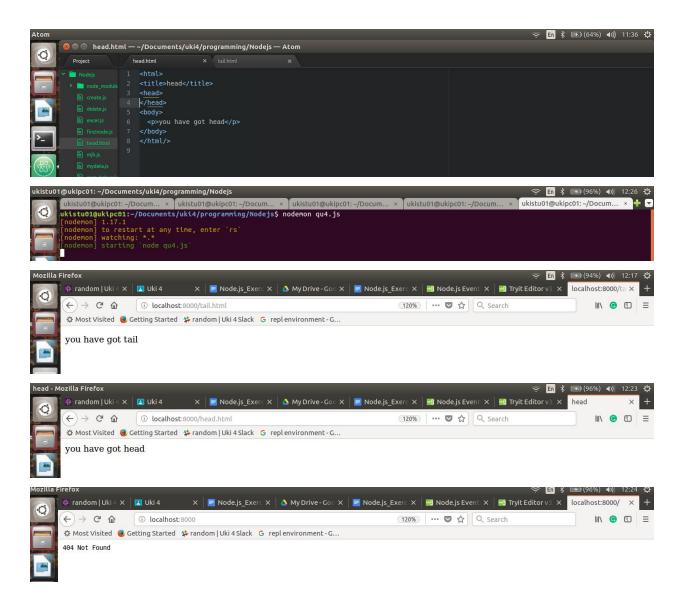
If you have followed the correct steps you should see two different results when opening these two addresses:

http://localhost:8080/head.html - > You have got head

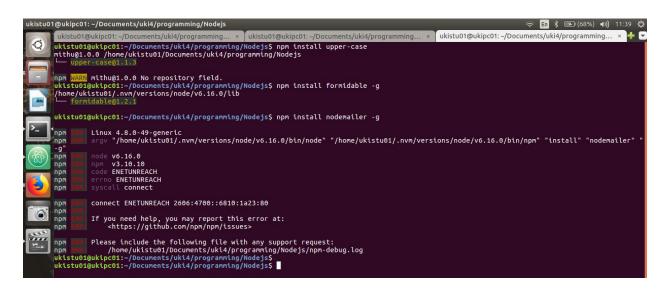
http://localhost:8080/tail.html -> You

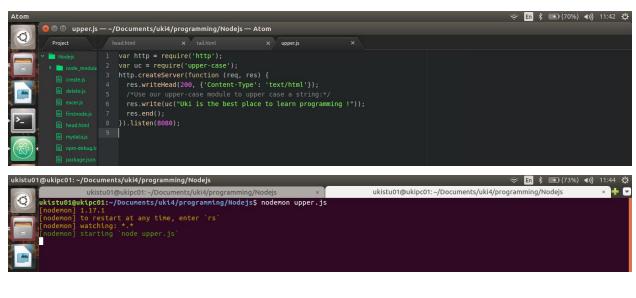


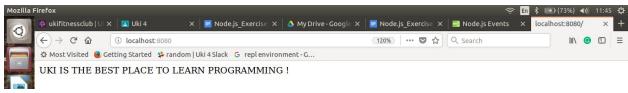
have got tail



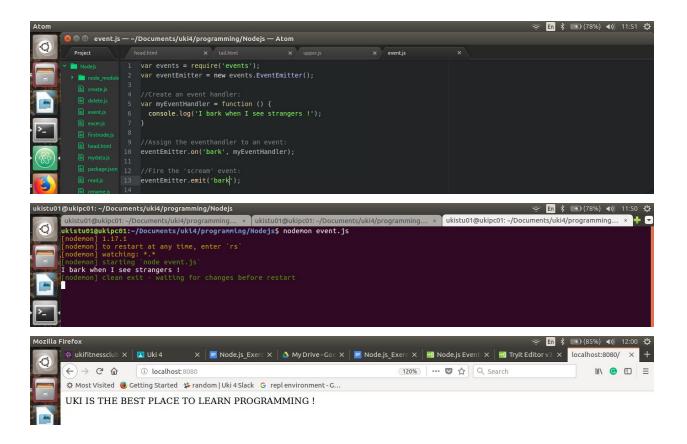
5. Install the package "upper-case" using NPM and create a Node.js file that will convert the output "Uki is the best place to learn programming!" into upper-case letters.







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

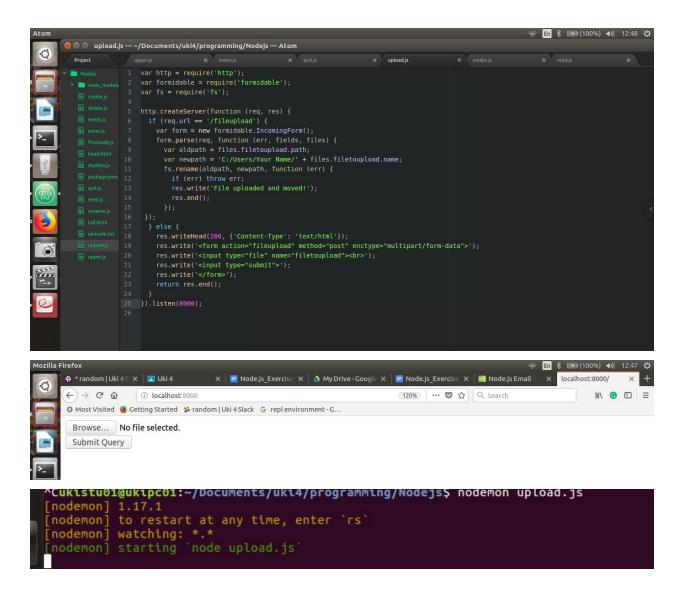


7. Install "formidable" module using npm and make a web page in Node.js that lets the user upload files to your computer.

```
ukistu01@ukipc01: ~/Documents/uki4/programming/Nodejs

| Image: Ref |
```

7.1 Save that uploaded file into your Documents directory.



8. Using the Nodemailer module create a server and send a mail to info@uki.life with the subject:

"Testing my nodemailer module", text: "This is easy!"

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Atom

| Image: The project | I
```