Node.js Lab Assignments

1. Write a node.JS program that execute a connection to server and return success message like "Success, i'm listening from port: 3000"

Hint: You need npm module – http

Reference: https://www.guru99.com/node-js-create-server-get-data.html

2. Show Content

Write a node program that read a file (passed as parameter) in local machine and shows in the console the content of it.

node app.js test.txt

Hint: You need npm module – fs

3.File List

Write a node.JS program that list the content of the current directory indicating if is a directory or a file For eg:

> node ex4.js

FILE:ex1.js

FILE:ex2.js

FILE:ex3.js

FILE:ex4.js

FILE:getLinksNode.js

FILE:link.txt

DIR :node\_modules

FILE:recursiveContentsDir.js

FILE:results.txt

FILE:test.txt

4. Write a node.JS program that creates a txt file with the text passed as a parameter.

>node ex5.js "hey ho! let's go"

The file was saved!

When you open the file the text should be displayed “ hey ho! Let’s go

5. Compare Values

Write a node.JS program that search information in .txt file and returns you how much coincidences find.

If you search about "John", and in your txt files are 2 John, should return 2

Hint: You can try save all data in one array and compare with search..

6.Calculator

**Calculator Node**

Create a app.js that require another file called calculator.js When we call node app.js we should show in the console the following:

The sum of 3 & 7 is: 10 The multiplication of 3 & 7 is: 21

app.js should only show in the console the result of calling the functions sum & multiplication

These methods should be defined (and exported) in calculator.js

**Phase 2**

Create a folder called operations and create in every folder a file exporting every operation needed in the main app.js file

app.js operations/ sum.js multiplication.js substraction.js division.js

**Phase 3**

Install the module moment and use it to show the current time in this way:

Today is : Monday, October 31st 2016, 10:08:34 am The sum of 3 & 7 is: 10 The multiplication of 3 & 7 is: 21