Student Name: Breno Lopes Mafra

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## LabTest 1 Screenshots - Comp3123

## - Question 1:

```
EXPLORER
                                       JS question1.js ×
/ 101485572_COMP3123_LABTEST1
                                            1 // Student name: Breno Lopes Mafra

∨ question1

JS guestion1.is

∨ question2

                                                 function lowerCaseWords(array) {
Js callback.js
                                                    return new Promise((resolve, reject) => {
JS question2.js
                                                        let newArr = [];

√ auestion3

JS create.is
                                                        for (let i = 0; i < array.length; i++) {</pre>
JS index.js
                                                             if (typeof array[i] === "string") {
                                                                 newArr.push(array[i].toLowerCase());
Js remove.js
{} package-lock.json
{} package.json

    README.md

                                                       if (newArr.length > 0) {
                                                            resolve(newArr);
                                                        } else {
                                                            reject("Please enter array with a String");
                                                 lowerCaseWords(["PIZZA",10, true, 25, false, "Wings"])
                                                .then(res => console.log(res))
                                                 .catch(err => console.log(err));
                                          PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL POLYGLOT NOTEBOOK PORTS Filter (e.g. text, !ex
                                            /Users/brenolopesmafra/.nvm/versions/node/v22.12.0/bin/node ./question1/question1.js
```

## - Question 2:

```
EXPLORER
                                          JS question2.js ×
101485572_COMP3123_LABTEST1
                                          question2 > Js question2.js > ...
                                            1 // Student name: Breno Lopes Mafra
JS question1.js

∨ guestion2

                                                 Windsurf: Refactor | Explain | Generate JSDoc | X
JS callback.js
                                                 function resolvedPromise() {
                                                     return new Promise((resolve, reject) => {
 JS question2.js
                                                        setTimeout(() => {
∨ question3
                                                            resolve({ firstPromisse: "resolved promise after 500ms" })
 JS create.js
                                                         }, 500)
JS index.is
Js remove.js
{} package-lock.json
{} package.json
                                                 function rejectedPromise() {

 README.md

                                                   return new Promise((resolve, reject) => {
                                                         setTimeout(() => {
                                                           reject({ secondPromisse: "rejected promise after 500ms" })
                                                 resolvedPromise()
                                                 .then(result => console.log(result))
                                                 .catch(error => console.log(error))
                                                rejectedPromise()
                                                 .then(result => console.log(result))
                                               .catch(error => console.log(error))
                                           PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL POLYGLOT NOTEBOOK PORTS Filter (e.g. text, !ex
                                            /Users/brenolopesmafra/.nvm/versions/node/v22.12.0/bin/node ./question2/question2.js
```

## - Question 3:

```
... Js remove.js ×
                                                                                                         Js create.js X Js index.js
EXPLORER
√ 101485572_COMP3123_... question3 > Js remove.js > ...
                                                                                                                 // Student name: Breno Lopes Mafra
// Student ID: 101485572
                            1 // Student name: Breno Lopes Mafra
2 // Student ID: 101485572

∨ question1

 JS guestion1.is

∨ guestion2

                                 const fs = require("fs")
                                                                                                                 const fs = require("fs")
                                                                                                                 const path = require("path")
                                 const path = require("path")
 JS question2.js
                                 const dirPath = path.join(__dirname, "Logs")
                                                                                                                 const dirPath = path.join(__dirname, "Logs")

∨ question3

 JS create.js
 Js index.is
                                  function removeLogs() {
                                                                                                                  function createLogs() {
                                      if (fs.existsSync(dirPath)) {
                                                                                                                      if (!fs.existsSync(dirPath)) {
 Js remove.is
                                          const files = fs.readdirSync(dirPath)
                                                                                                                           fs.mkdirSync(dirPath)
{} package-lock.json
{} package.json
                                              console.log("deleting file: " + file)
① README.md
                                                fs.unlinkSync(path.join(dirPath, file))
                                                                                                                      process.chdir(dirPath)
                                           fs.rmdirSync(dirPath)
                                                                                                                      for (let i = 0; i < 10; i++) {
                                                                                                                          let fileName = `log${i}.txt`
                                                                                                                           fs.writeFileSync(fileName, `Breno Lopes Mafra log
                                                                                                                           console.log(fileName)
                                  module.exports = removeLogs
                                                                                                                 module.exports = createLogs
                           PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL POLYGLOT NOTEBOOK PORTS Filter (e.g. text, !exclude, \escape)
                             /Users/brenolopesmafra/.nvm/versions/node/v22.12.0/bin/node ./question3/index.js
                                                                                                                                                                               create.js:19
                                                                                                                                                                               <u>create.js:19</u>
                                                                                                                                                                               create.is:19
                                                                                                                                                                               create.js:19
                                                                                                                                                                               create.js:19
                                                                                                                                                                                <u>create.js:19</u>
                                                                                                                                                                               create.js:19
                                                                                                                                                                               create.js:19
                                                                                                                                                                               create.js:19
                                                                                                                                                                               create.js:19
                                                                                                                                                                               remove.js:13
                                                                                                                                                                                <u>remove.js:13</u>
                            deleting file: log2.txt
deleting file: log3.txt
deleting file: log4.txt
                                                                                                                                                                               remove.js:13
                                                                                                                                                                               remove.js:13
                                                                                                                                                                               remove.js:13
                                                                                                                                                                               remove.js:13
                                                                                                                                                                                remove.js:13
                            deleting file: log7.txt
deleting file: log8.txt
deleting file: log9.txt
                                                                                                                                                                                remove.js:13
OUTLINE
                                                                                                                                                                               remove.js:13
TIMELINE
                                                                                                                                                                               remove.js:13
```