Reflection of Lab Exercise week 3

**Web and Mobile Development**

* This week we learnt about JS functions, how to write functions in Java script, Arrow function, and how to export a function with argument.
* To created local module in nodejs.
* To export functions and variables to other modules.
* To use a module declared in a separate file.
* How to access nodejs core module.

we need to install visual studio code and nodejs on the computer to perform the programm.

Open a new file and select java script language

A screenshot of a computer

Description automatically generated

New file called index.js is saved in a folder. Now star to write the code.

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Exercise 1

First line of code starts with function named Employee that passes two parameters (name and salary). Next code Console.log is used to print or display a message or variable value in the terminal window. The message is displayed in the terminal window.

A screenshot of a computer program

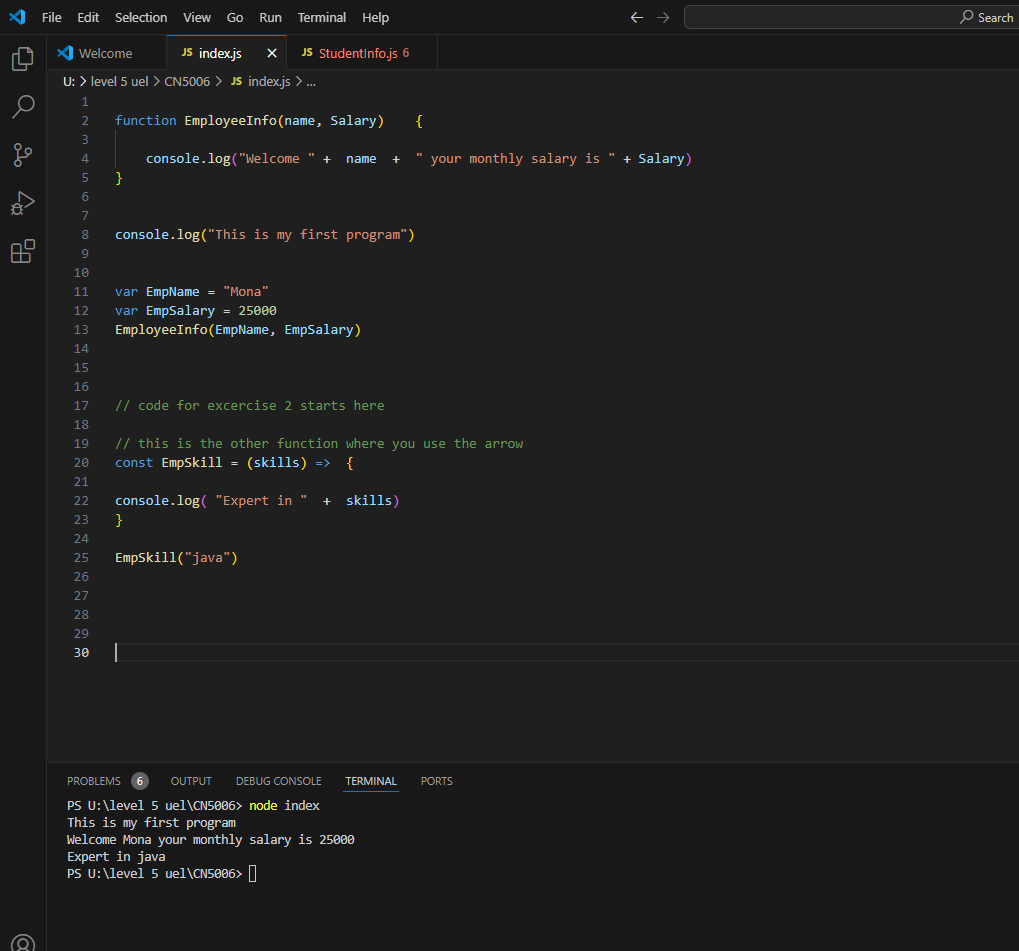
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Exercise 2

Create an arrow functions

Arrow functions are a more recent approach to defining JavaScript functions. They are shorter and do not need a name, in contrast to traditional JavaScript functions.

This is the arrow function with one parameter (java). You can see the message in window.

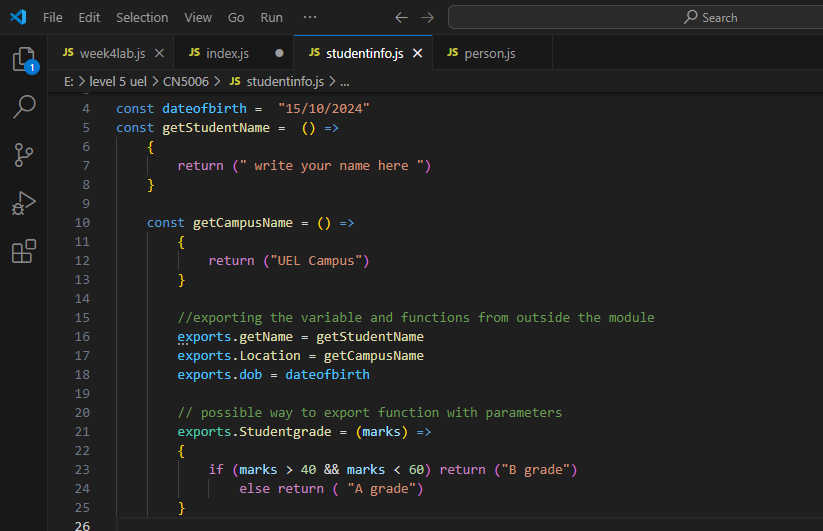


Exercise 3

Other modules named studentinfo.js and person.js is created in the same folder as index.js.

There are three Arrow functions used in the studentinfo.js file.

Studentinfo.js file



Person.js file

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Use the functions and objects defined in studentinfo.js and person.js files in index.js file

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We use require word in code to import a module in NodeJS and ./ shows us the path for the file where it is saved.

This is the final output in the terminal window.

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Exercise 4

Core module used is os.

Displays the laptop information such as temporary directory, user info, hostname , free memory, network Wi-Fi, operating system etc. on the terminal using os Module.

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