SIT323/SIT737- Cloud Native Application Development 2.1P: Node.js and Express

_____

Overview

In this unit we are going to use JavaScript programming and run on Node.js. JavaScript is a simple programming language that can be used with any browser that has the JavaScript Engine installed. Node.js, on the other hand, is an interpreter or execution environment for the JavaScript programming language.

In this task you need to practice your knowledge of Node.js programming to get ready for the next which would be building Microservices. The tools you need to install on your computers for doing this task are as follows:

- Git
- Visual Studio Code
- Node.js ///// make sure Node JS is installed in your computer, you can go to **https://nodejs.org** and download the latest one.

Part I

Git Account

Git is our repository manager tool. If you don't already have Git, installing it isn't difficult. See the Git website at https://git-scm.com and follow the instructions there to download and install on your computer; you can create a Git account at https://github.com.

This is an important task as you need to share your Git repo for your weekly tasks through the OnTrack

Part II

Serving a simple HTML by creating a web server with Node.js

To build a Website in Node.js we will use Express framework. Any other framework can also be used but Express is very popular when using Node. Following the instruction steps in your practical session, make sure to create your own simple web page.

Submission Details

- Once you are done, push your code into your repo, giving the repository the following name sit323-2025-prac2p, ultimately this should read as https://github.com/username/ sit323-2025-prac2p. You can copy/paste the link of

your public repo for your submission through the OnTrack (screenshot of the codes and final web page is optional to support your submission)

- Ensure that detailed documentation is included with your code, offering step-by-step instructions that explain the process undertaken for this part. Failure to provide this documentation will result in an incomplete mark for the task.