

# 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 Platform and 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\_737-2023-t1-prac2p, ultimately this should read as [https://github.com/username/sit323\\_737-2023-t1-prac2p](https://github.com/username/sit323_737-2023-t1-prac2p).