1. Environment Setup

# Install Nodejs 12.x

* Go to the [Node.js Downloads page](https://nodejs.org/en/download/)
* Download Node.js for macOS by clicking the "Macintosh Installer" option
* Run the downloaded Node.js .pkg Installer
* Run the installer, including accepting the license, selecting the destination, and authenticating for the install.
* You're finished! To ensure Node.js has been installed, run node -v in your terminal - you should get something like v12.18.4

# Install Visual Studio Code Editor

* [Download Visual Studio Code](https://go.microsoft.com/fwlink/?LinkID=534106) for macOS.
* Open the browser's download list and locate the downloaded archive.
* Open the archive in Finder.
* Drag Visual Studio Code.app to the Applications folder, making it available in the macOS Launchpad.
* Add VS Code to your Dock by right-clicking on the icon to bring up the context menu and choosing Options, Keep in Dock.

# Setting up Application

* Create a project folder on your computer
* Open the Folder in VSCode
* Open VSCode Terminal
* Run npm init command, fill details asked at command line/ terminal to generate a package.json file
* Run npm install express command
* Run npm install ejs command
* The packages installed such as ejs or express will get saved in package.json file
* Create .ejs files as required
* Sample directory structure as shown below

**- views**

**----- layouts**

**---------- footer.ejs**

**---------- head.ejs**

**---------- header.ejs**

**----- pages**

**---------- index.ejs**

**---------- about.ejs**

**- package.json**

**- index.js**

# Running Application

* Download the application files i.e. views folder, package.json and app.js in a folder.
* Ensure that you have NodeJS installed on your system. Go to the folder via Terminal / Command Line.
* Run npm install command to install all the dependencies from package.json file.
* Run node app.js to start the application.
* Visit the application at <http://localhost:3000/> on your browser.