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Exercise (Instructions): Basics of Node.js and NPM

Objectives and Outcomes

In this exercise you will learn the basics of Node and NPM. At the end of this exercise, you will be able to:

- Set up package.json file in the project folder for configuring your Node and NPM for this project
- Install a NPM module and make use of it within your project

Initializing package.json

- At the command prompt in your **git-test** folder, type

```
1  npm init
```

- Follow along the prompts and answer the questions as follows: accept the default values for most of the entries, except set the entry point to index.html
- This should create a *package.json* file in your **git-test** folder.

Installing an NPM Module

- Install an NPM module, lite-server, that allows you to run a Node.js based development web server and serve up your project files. To do this, type the following at the prompt:

```
1  npm install lite-server --save-dev
```

- You can check out more documentation on lite-server [here](#).
- Next, open package.json in your editor and modify it as shown below. Note the addition of two lines, line 7 and line 9.

```
1  {  
2    "name": "git-test",  
3    "version": "1.0.0",  
4    "description": "This is the Git and Node basic learning project",  
5    "main": "index.html",  
6    "scripts": {  
7      "start": "npm run dev",  
8      "dev": "lite-server",  
9      "build": "npm run build",  
10   }
```