Module 1: Hands-On – 5
Installing a Node Module Globally and using It

Step 1: Open the 'Command Prompt' or 'Terminal' and run the command 'npm i –g mocha' to install a package named 'mocha' globally on your system

```
Command Prompt                                                          —  □  ×

C:\Users\Intellipaat-Team>npm i -g mocha
C:\Users\Intellipaat-Team\AppData\Roaming\npm\mocha -> C:\Users\Intellipaat-Team\AppData\Roaming\npm\node_modules\mocha\
bin\mocha
C:\Users\Intellipaat-Team\AppData\Roaming\npm\_mocha -> C:\Users\Intellipaat-Team\AppData\Roaming\npm\node_modules\mocha
\bin\_mocha
+ mocha@6.2.2
added 91 packages from 45 contributors and updated 1 package in 8.01s

C:\Users\Intellipaat-Team>_
```

Step 2: Create an empty npm project by running **npm init –y** in any folder on your system

```
Intellipaat-Team@DESKTOP-FPNPKTE MINGW64 ~/Desktop/app
$ npm init -y
Wrote to C:\Users\Intellipaat-Team\Desktop\app\package.json:

{
  "name": "app",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "directories": {
    "test": "test"
  },
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}
```
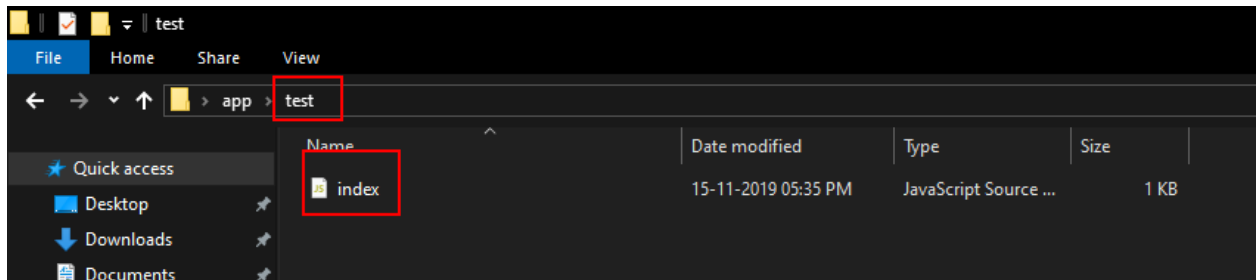
Step 3: In your project, install a package named **chai** locally using the command 'npmi chai'
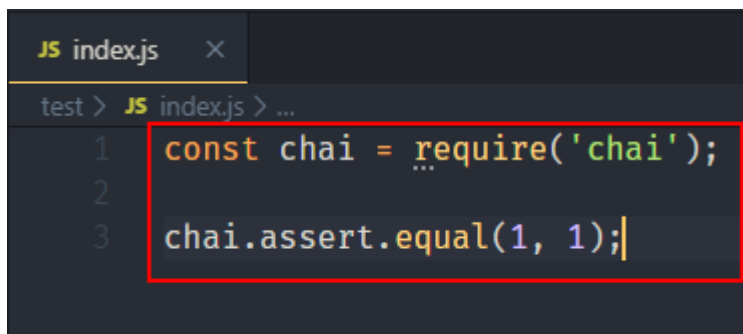
```
Intellipaat-Team@DESKTOP-FPNPKTE MINGW64 ~/Desktop/app
$ npm i chai
npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN app@1.0.0 No description
npm WARN app@1.0.0 No repository field.

+ chai@4.2.0
added 7 packages from 20 contributors and audited 8 packages in 1.492s
found 0 vulnerabilities
```

Step 4: In your project, create a folder named 'test' and then create a file named 'index.js' in it

Step 5: Write the following code in the index.js file inside the test folder


```js
const chai = require('chai');

chai.assert.equal(1, 1);
```

Step 6: Open the 'Command Prompt' or 'Terminal' in your project directory and run the command **mocha** (which was installed globally) and look at the output in which all tests written in index.js pass


```
Intellipaat-Team@DESKTOP-FPNPKTE MINGW64 ~/Desktop/app
$ mocha


  0 passing (2ms)
```