Module 1: Hands-On – 4
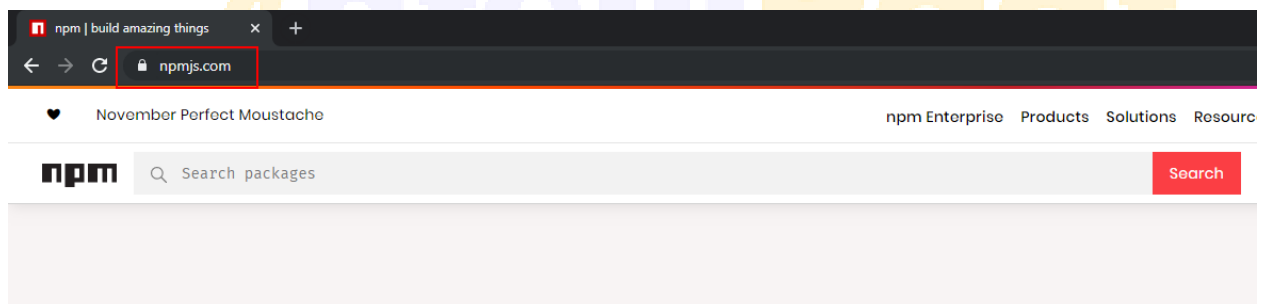### Finding and Installing an NPM Package Locally

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Step 1: Create an empty npm project using the command 'npminit –y'
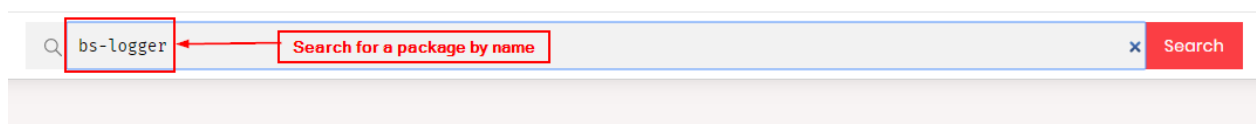
```
C:\Users\Intellipaat-Team\Desktop\node_demo>npm init -y
Wrote to C:\Users\Intellipaat-Team\Desktop\node_demo\package.json:

{
  "name": "node_demo",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}
```
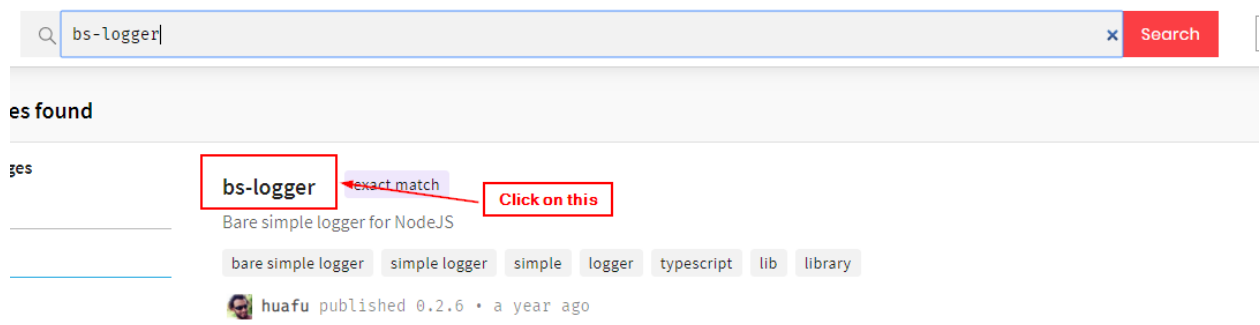
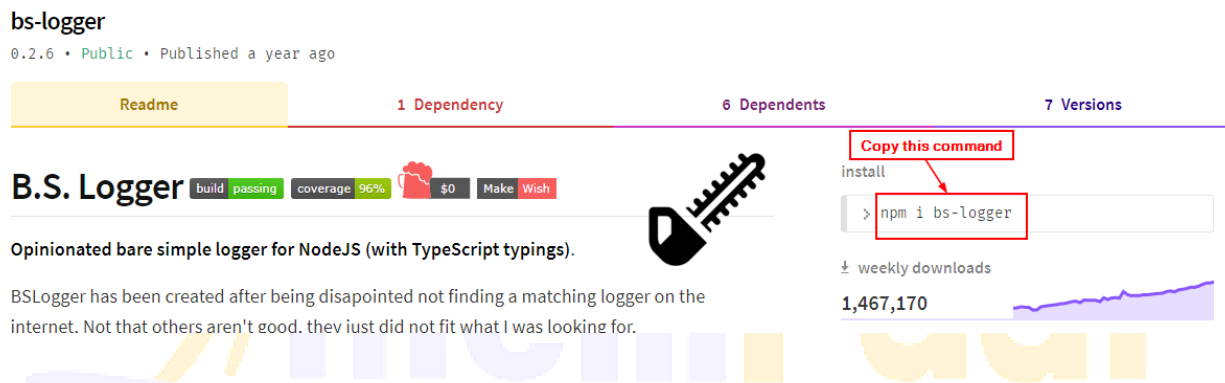**Step 2**: Go to https://www.npmjs.com in your browser

Step 3: In the search box, type the name of a module, e.g., 'bs-logger'
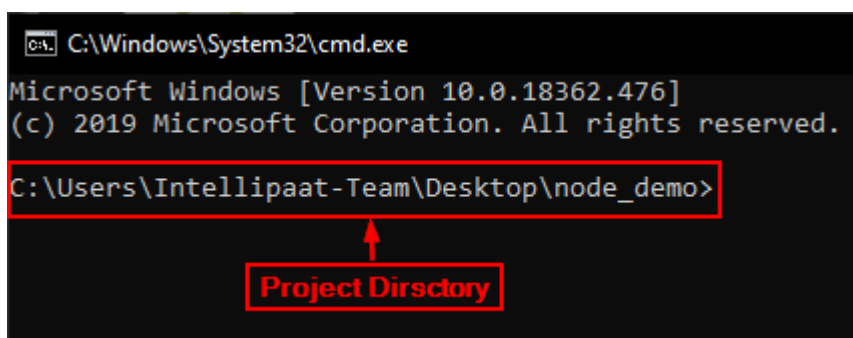
Step 4: In the search results, click on the desired link of the package

Step 5: Copy the command to install the package

Step 6: Open the 'Command Prompt' or 'Terminal' in your project directory
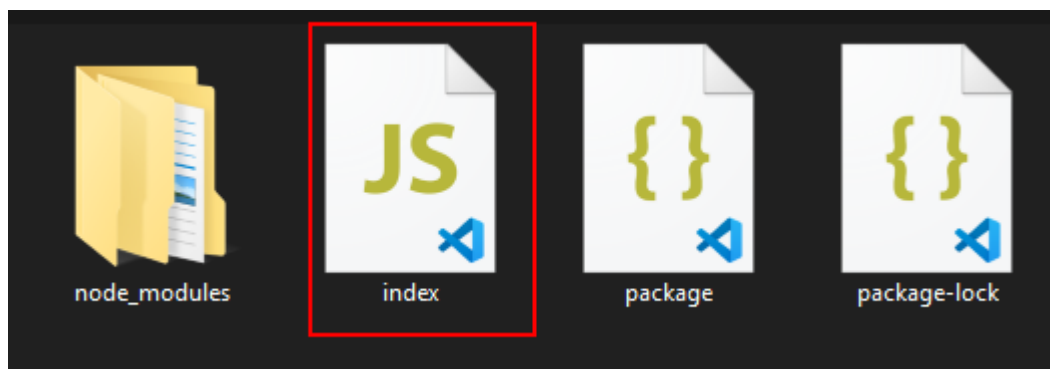
Step 7: Run the command to install the package from npm

```
C:\Users\Intellipaat-Team\Desktop\node_demo>npm i bs-logger
npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN node_demo@1.0.0 No description
npm WARN node_demo@1.0.0 No repository field.

+ bs-logger@0.2.6
added 2 packages from 2 contributors and audited 2 packages in 1.813s
found 0 vulnerabilities
```

Run command

Step 8: Create a file named index.js in the project directory

node_modules   index   package   package-lock

Step 9: Open the file and write the following code that uses the installed package

```
JS index.js
JS index.js > ...
1    const { logger } = require('bs-logger');
2    logger("log me")
```

Step 10: Run index.js and generate the output

```
Intellipaat-Team@DESKTOP-FPNPKTE MINGW64 ~/Desktop/node_demo
$ node index.js
main[root] (TRACE) log me
```