Listing packages:-
npm list it display the package tree like structure.

npm list --depth 1 : It gives the immediate dependency of lite-server.

npm list --depth 0 :- list all packages and node dependency for that package.

NPM versioning:-
- version is represented by three numbers.

version : 4 . 16 . 1

   major minor → patch ver no.

- Any time a bug fix or performance improvement then patch version is incremented.

- Minor ver no gets incremented when there is new feature and feature will not break any existing functionality.

- Major ver no gets incremented when there is break in existing functionality ex angular1 to angular2.

- npm install lodash@ 3.3.0 --save
- ; It install the lodash od specified version.

Installing from package json:

Updating packages:
- npm update lodash --save .
- npm update -g :- To update all package globally. of each
- npm install npm@latest -g :- To install latest version.

npm prune:
- It is used to remove additional packages. or extraneous packages.

shortcuts :
- npm init -y :- create package .json file.
- npm i lodash :- install package locally.
- npm i lodash -s :- to save in package.
- npm i moment -D :- save moment in dev dependency.
- npm -v :- version of npm install
-

NPM Scripting :

- node app.js to run the applicat...
-

Node js working :

- a platform which allows us to run javascript on a computer/server.
- Read, delete and update files.
- Easily communicate with a database.
- It uses javascript.
- Huge ecosystem of open source packages.
- Great for real-time services.

node -v :- to check the version.

node app :- to run application.

cd .. :- to get back into directory.

Javascript Engines :

- computers do not understand Javascript.
- A javascript engine takes javascript and converts it into something it does understand machine code.
- Node.js is written in C++.
- At the heart of node.js is the V8 engine.

ctrl + c to stop the terminal.

- The V8 engine convents our JS into machine code.

Global object :-
- Global object in node is a object call globally.

- console.log (__dirname);
  It tell the directory of

- console.log (__filename);
  Tell the filename.

- Global variable are variables that can be declared with a value, and which can be accessed anywhere in a program.

function expressions :-
- function expressions allows us to create an anonymous function which doesn't have any function name.

Modules & require :-