package.json

* It contains all the dependencies of the project. We can transfer code and run it in other environment easily.
* The version field in package.json specifies the version of the project.
* The scripts field in package.json allows defining various scripts to automate tasks related to the project.

Creating package.json

npm init –y

Installing Package

npm install packagename

npm install packagename@version

Uninstalling Package

npm uninstall packagename

npm uninstall packagename@version

welcome.js

console.log("welcome to nodejs");

node welcome.js

package.json

  "scripts": {

    "start":"node welcome.js"

  },

npm start

Installing Package Globally

npm install –g packagename

npm install –g nodemon

npm install –g json-server

Find Location of Globally Installed Module

npm config get prefix

npm root -g

Nodemon

* Nodemon will monitor files and automatically restarts server when changes are detected.
* Install nodemon

npm install nodemon

* Start Server using nodemon

nodemon server.js

server.js

const http = require('http');

const hostname = '127.0.0.1';

const port = 3000;

const server = http.createServer((req, res) => {

  res.write("<h1>Welcome to Node JS</h1>");

  res.end();

});

server.listen(port, hostname, () => {

  console.log(`Server running at http://${hostname}:${port}/`);

});