

Package.json

It is automatically created when we initialize our project using “npm init” . It is like a manifest file for the project. The name and versions of the installed packages are stored in this file.

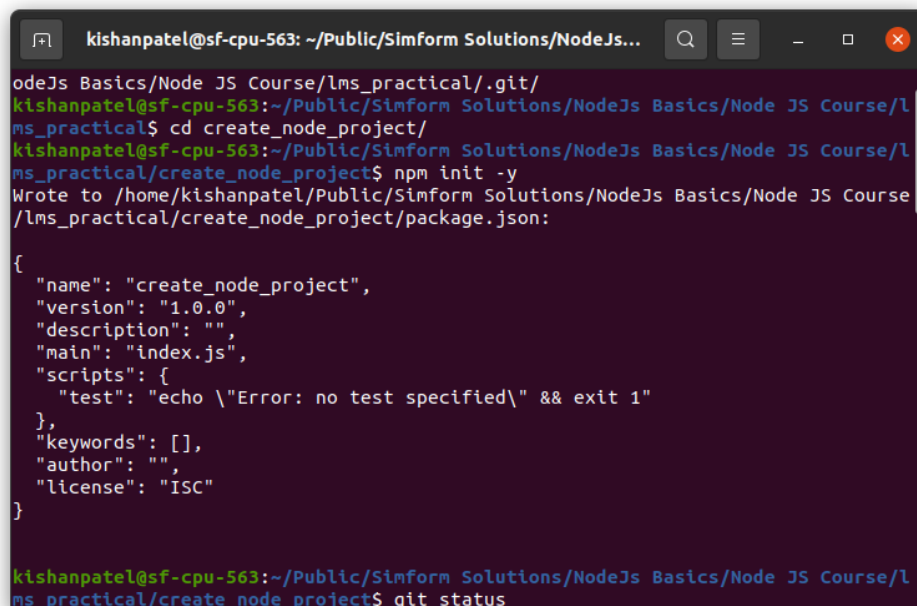
1. Project details

It contains basic details like name and version of the project, description and main script to run when package is executed. These details become important when the package is deployed on npm or Git.

2. Scripts

Using scripts, we can run complex command just by running the script. We can run script in CLI by calling

“npm run <script_name>” (e.g.: npm run dev).



```
kishanpatel@sf-cpu-563: ~/Public/Simform Solutions/NodeJs...
odeJs Basics/Node JS Course/lms_practical/.git/
kishanpatel@sf-cpu-563:~/Public/Simform Solutions/NodeJs Basics/Node JS Course/lms_practical$ cd create_node_project/
kishanpatel@sf-cpu-563:~/Public/Simform Solutions/NodeJs Basics/Node JS Course/lms_practical/create_node_project$ npm init -y
Wrote to /home/kishanpatel/Public/Simform Solutions/NodeJs Basics/Node JS Course/lms_practical/create_node_project/package.json:

{
  "name": "create_node_project",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}

kishanpatel@sf-cpu-563:~/Public/Simform Solutions/NodeJs Basics/Node JS Course/lms_practical/create_node_project$ git status
```

3. Dependencies

It is a list of npm packages required by the project. When we install package using npm. It is automatically inserted into this list.



```
"dependencies": {
  "express": "^4.17.2"
},
```

4. DevDependencies

It is a list of npm packages required for development purposes. These dependencies are

not
required to run projects on production.

```
"devDependencies": {  
  "nodemon": "^2.0.15"  
}
```