Get Version

```
npm --version

//shorthand

npm -v
```

Create Package.json

```
npm init

// Below commands will create package.json file with default values

npm init -y
npm init --yes
```

Install Packages

npm install bootstrap

Global Package

```
npm install -g package-name
```

Production Package(default)

```
npm install --save package-name
```

Development Package

```
npm install --save-dev package-name
```

Install Specific Version

npm i bootstrap@16.8.0

Global Package

```
npm install -g package-name@package-version
```

Production Package(default)

```
npm install --save package-name@package-version
```

Development Package

```
npm install --save-dev package-name@package-version
```

Remove Packages

npm uninstall bootstrap

Global Package

```
npm uninstall -g package-name
```

Production Package(default)

```
npm uninstall --save package-name
```

Development Package

```
npm uninstall --save-dev package-name
```

List packages

Globally

```
npm list -g

npm list -g --depth 0

npm list -g --depth 1
```

Locally
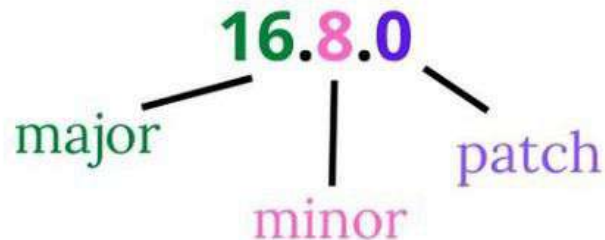
```
npm list

npm list --depth 0

npm list --depth 1
```
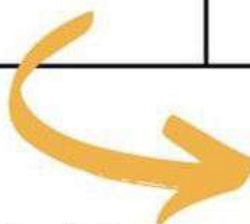
Package version

A version basically has 3 parts

16.8.0

major — minor — patch

What package version with different symbols (*, ~, ^) represents in package.json file

Version	Meaning
"*"	Install package with latest version
"16.8.0"	Install package with exact version
"~16.8.0"	Install package with latest patch update (Highlighted part gets updated)
"^16.8.0"	Install package with latest minor update (Highlighted part gets updated)

most preferred one

NPM Scripts

only "start" script will execute without run command

```
npm start

npm run <script-name>
   npm run build
   npm run test
```

scripts define in package.json file .

```json
"scripts": {
  "start": "react-scripts start",
  "build": "react-scripts build",
  "test": "react-scripts test",
  "eject": "react-scripts eject"
},
```

Clone another repo

When clone any repo, that time node_modules folder don't get copy on local machine. So in that case to download all packages - use npm i

Install production and dev dependencies both

```
npm install
or
npm i
```

Install production dependencies only

```
npm install --production
```