Yarn and NPM Command For Basic To Advance Use

1)

install the yarn

when you install Node it will come with **npm**: as package manager .you an install the yarn with **npm**

```
npm install yarn -g       [with administrative power in windows]
sudo npm install -g yarn  [in linux]
```

Now you have **npm** and **yarn** both

2)

Create package.json file

in yarn

```
yarn init
yarn init -y
```

but remember you cant get scripts section in **yarn init** you need to add it manually.so i prefer **npm init** for creating **package.json**

For npm

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

3)

Install packages

If your project have already information with the dependency then just go to the folder and type **yarn** .for example i have project in **myproj** folder with **package.json** file

[for yarn]

```
cd myproj
yarn
```

or

```
cd myproj
yarn install
```

For **npm**

```
cd myproj
npm install
```

4)

Adding new dependencies

for **yarn**

```
yarn add <package name>
```

for **npm**

```
npm install <package name>
```

5)

Install dev dependencies

for **npm**

```
npm install <package> --save-dev
```

for **yarn**

```
yarn add <package> --dev
```

6)

removing packages

for **yarn**

```
yarn remove <package name>
```

for **npm**

```
npm unistall <package name>
npm remove <package name>
```

7)

Update package

for **npm**

```
npm update <package name> [for specfic package]
npm update               [for all the package]
```

for **yarn**

```
yarn upgrade <package name> [for specfic package]
yarn upgrade               [for all the package]
```

8)

run scripts

for known command like **start**

for **yarn**

```
yarn start
```

for **npm**

```
npm start
```

For custom command

for **yarn**

```
yarn run <command>
```

for **npm**

```
npm run <command>
```

9)

Global package install

for **yarn**

```
yarn global add <package_name>
```

for **npm**

```
npm install <package_name> -g
```

10)

Get a list of package

in **npm [for local]**

```
npm list --depth=0
```

in **npm [for global]**

```
npm list -g --depth=0
```

in **yarn [for local]**

```
yarn list
```

in **yarn [for global]**

```
yarn global list
```

11)

Get Package description

for **npm**

```
npm info <package_name>
```

for **yarn**

```
yarn info <package_name>
```

12)

Clean cache

in **npm**

```
npm cache clean
npm cache clean --force
```

in **yarn**

```
yarn cache clean
```

Only For Yarn

1)

check if the version is lined up with the Repository

```
yarn check
yarn check--integrity
```

2)

Remove unused dependencies

```
yarn clean
```

3)

get all the licenses with github link

```
yarn licenses list
```

4)

Upgrade dependencies interactively

```
yarn upgrade --interactive
```