3. Using The Terminal

```
bash-3.2$ ls
Applications        Google Drive        Pictures
Desktop             Library             Public
Documents           Movies
Downloads           Music
bash-3.2$ cd Desktop/test
bash-3.2$ ls
bash-3.2$ open .
bash-3.2$ mkdir webapp
bash-3.2$ ls
webapp
bash-3.2$ cd webapp
bash-3.2$ touch index.html
bash-3.2$ open index.html
bash-3.2$ open -a "Sublime Text"
bash-3.2$ open -a "Sublime Text" index.html
bash-3.2$ open index.html
bash-3.2$ mv index.html about.html
bash-3.2$ rm about.html
bash-3.2$
```

Ls command used to show file inside folder.

Cd Desktop/new change folder location to desktop new location

Open. – open folder
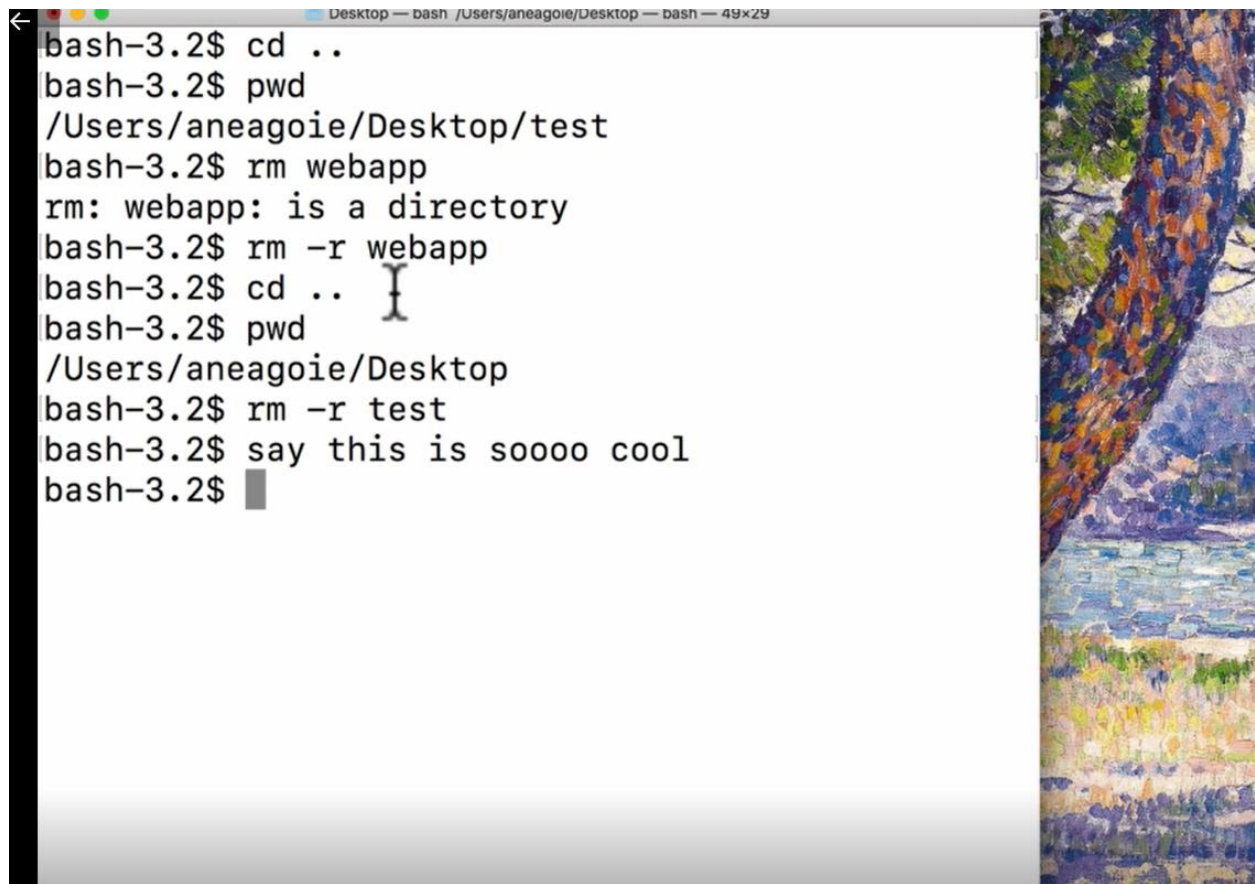
Mkdir newapp make new folder

Touch make new file

Open filename open file

Open -a sublime text open file I n sublime format.

Rm remove

Mv move file

```
bash-3.2$ cd ..
bash-3.2$ pwd
/Users/aneagoie/Desktop/test
bash-3.2$ rm webapp
rm: webapp: is a directory
bash-3.2$ rm -r webapp
bash-3.2$ cd ..
bash-3.2$ pwd
/Users/aneagoie/Desktop
bash-3.2$ rm -r test
bash-3.2$ say this is soooo cool
bash-3.2$ 
```

Remove folder

We also used rm -r

```
/Desktop git clone git@github.com:aneagoie/start-here-guidelines.git
oning into 'start-here-guidelines'...
mote: Enumerating objects: 34, done.
mote: Counting objects: 100% (34/34), done.
mote: Compressing objects: 100% (26/26), done.
mote: Total 13849 (delta 16), reused 18 (delta 8), pack-reused 13815
ceiving objects: 100% (13849/13849), 54.33 MiB | 12.21 MiB/s, done.
solving deltas: 100% (7558/7558), done.
/Desktop cd start-here-guidelines/
/D/start-here-guidelines (master=) sublime .
```
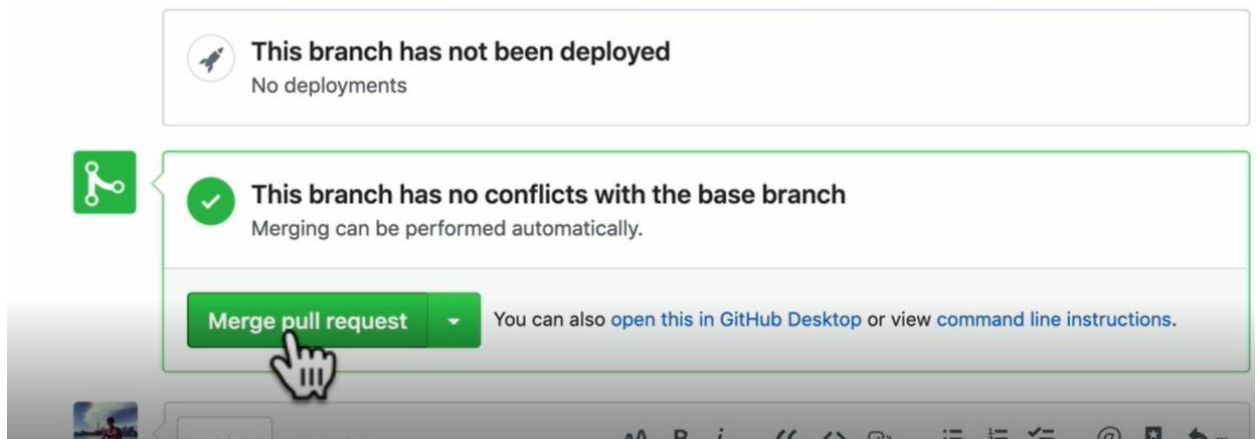
Git clone make copy of your data

```
git branch
* master
 ~/D/A/background-generator (master=)
git branch littlefeature
 ~/D/A/background-generator (master=)
git branch
   littlefeature
* master
 ~/D/A/background-generator (master=)
git checkout littlefeature
Switched to branch 'littlefeature'
 ~/D/A/background-generator (littlefeature)
```
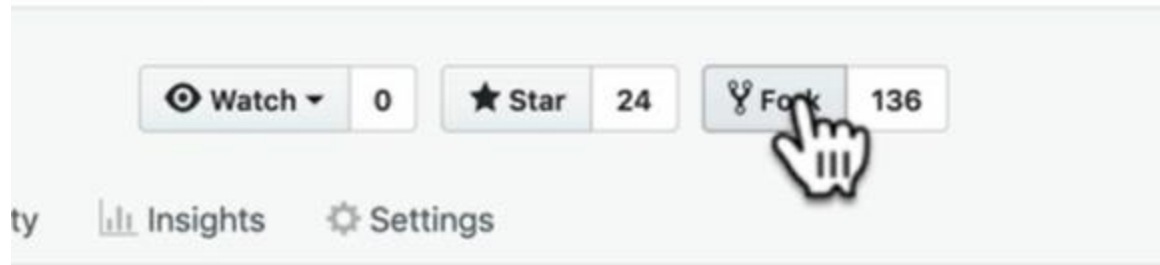
Git branch make branch

Git branch branchname

Git checkout branchname –open that branch

```
~/D/start-here-guidelines (test  ) git add .
~/D/start-here-guidelines (test →)
git commit -m"added my name to contributor list"

[test 8c0cc0b] added my name to contributor list
 1 file changed, 3 insertions(+), 1 deletion(-)
 ~/D/start-here-guidelines (test)
git push origin master
```

Default branch

master Updated 3 hours ago by Dhaval1403   Default   Change default branch

Your branches

test Updated 2 minutes ago by aneagoie   0|1   🔀 New pull request

Active branches

🚀 **This branch has not been deployed**
    No deployments

✅ **This branch has no conflicts with the base branch**
    Merging can be performed automatically.

Merge pull request ▾   You can also open this in GitHub Desktop or view command line instructions.

Step

```
 ~/Desktop git clone git@github.com:aneagoie/Animation-Nation.git
Cloning into 'Animation-Nation'...
remote: Enumerating objects: 95, done.
remote: Counting objects: 100% (95/95), done.
remote: Compressing objects: 100% (83/83), done.
remote: Total 2148 (delta 39), reused 54 (delta 12), pack-reused 2053
Receiving objects: 100% (2148/2148), 145.42 MiB | 13.36 MiB/s, done.
Resolving deltas: 100% (1021/1021), done.
 ~/Desktop cd Animation-Nation/
 ~/D/Animation-Nation (master=) sublime .
```

```
 ~/Desktop git clone git@github.com:aneagoie/Animation-Nation.git
Cloning into 'Animation-Nation'...
remote: Enumerating objects: 95, done.
remote: Counting objects: 100% (95/95), done.
remote: Compressing objects: 100% (83/83), done.
remote: Total 2148 (delta 39), reused 54 (delta 12), pack-reused 2053
Receiving objects: 100% (2148/2148), 145.42 MiB | 13.36 MiB/s, done.
Resolving deltas: 100% (1021/1021), done.
 ~/Desktop cd Animation-Nation/
 ~/D/Animation-Nation (master=) sublime .      UPDY
```

```
~/D/Animation-Nation (master=) sublime .
~/D/Animation-Nation (master =) git checkout -b animatron
M         include.js
Switched to a new branch 'animatron'
~/D/Animation-Nation (animatron ) git status
On branch animatron
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
```

```
~/D/Animation-Nation (animatron ) git status
On branch animatron
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working d
ory)

        modified:   include.js

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        Art/animatron/

no changes added to commit (use "git add" and/or "git commit -a")
~/D/Animation-Nation (animatron ) git add .
~/D/Animation-Nation (animatron →)
git commit -m"adding my artsyness to the project"
[animatron 04e16d8] adding my artsyness to the project
 4 files changed, 45 insertions(+), 1 deletion(-)
```
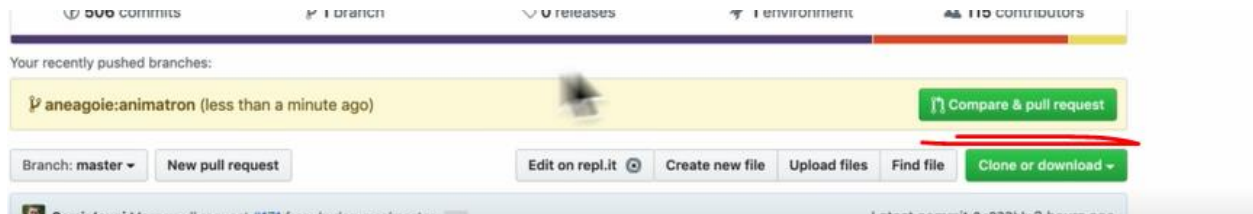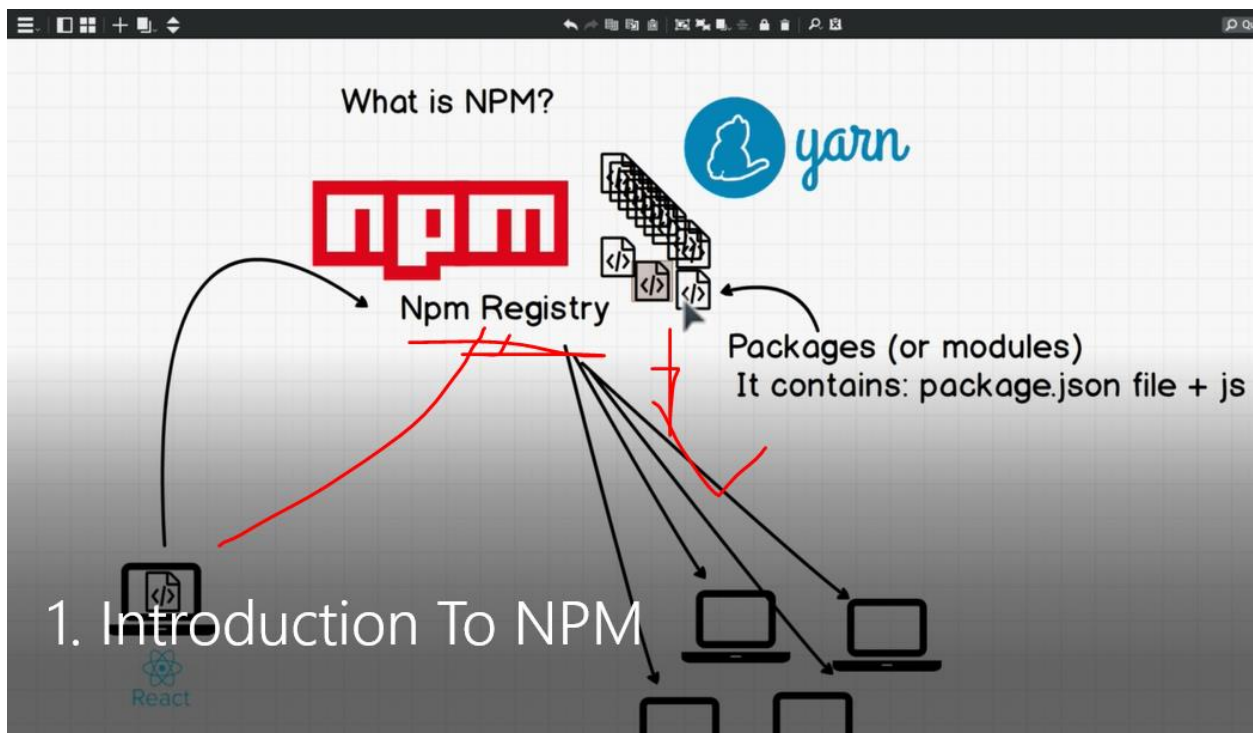
g To Open Source 2

```
create mode         Art/animatron/index.html
create mode 100644 Art/animatron/style.css
create mode 100644 Art/animatron/trance.gif
~/D/Animation-Nation (animatron) git push origin animatron
```
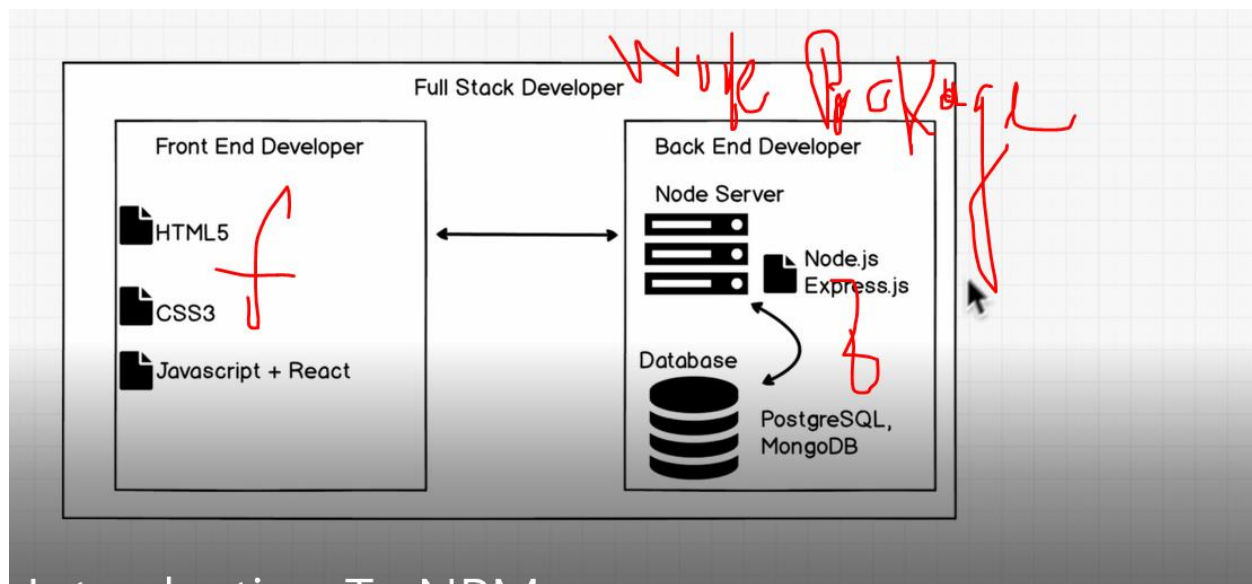
Merge pull resquest at the end.

NPN

Full Stack Developer

Node Package *(handwritten)*

Front End Developer

- HTML5
- CSS3
- Javascript + React

Back End Developer

Node Server

Node.js
Express.js

Database

PostgreSQL,
MongoDB

Introduction To NPM

1. HTML + CSS + Javascript

2. Github Repo + Git

3. Package.json file

Downloads

Latest LTS Version: 8.9.1 (includes npm 5.5.1)

Download the Node.js source code or a pre-built installer for your platform, and start developing today.

LTS Recommended For Most Users		Current Latest Features
Windows Installer node-v8.9.1-x86.msi	Macintosh Installer node-v8.9.1.p...	Source Code node-v8.9.1.tar.gz

Windows Installer (.msi)	32-bit	64-bit
Windows Binary (.zip)	32-bit	64-bit
macOS Installer (.pkg)	64-bit	
macOS Binaries (.tar.gz)	64-bit	
Linux Binaries (x86/x64)	32-bit	64-bit
Linux Binaries (ARM)	ARMv6 / ARMv7 / ARMv8	
Source Code	node-v8.9.1.tar.gz	
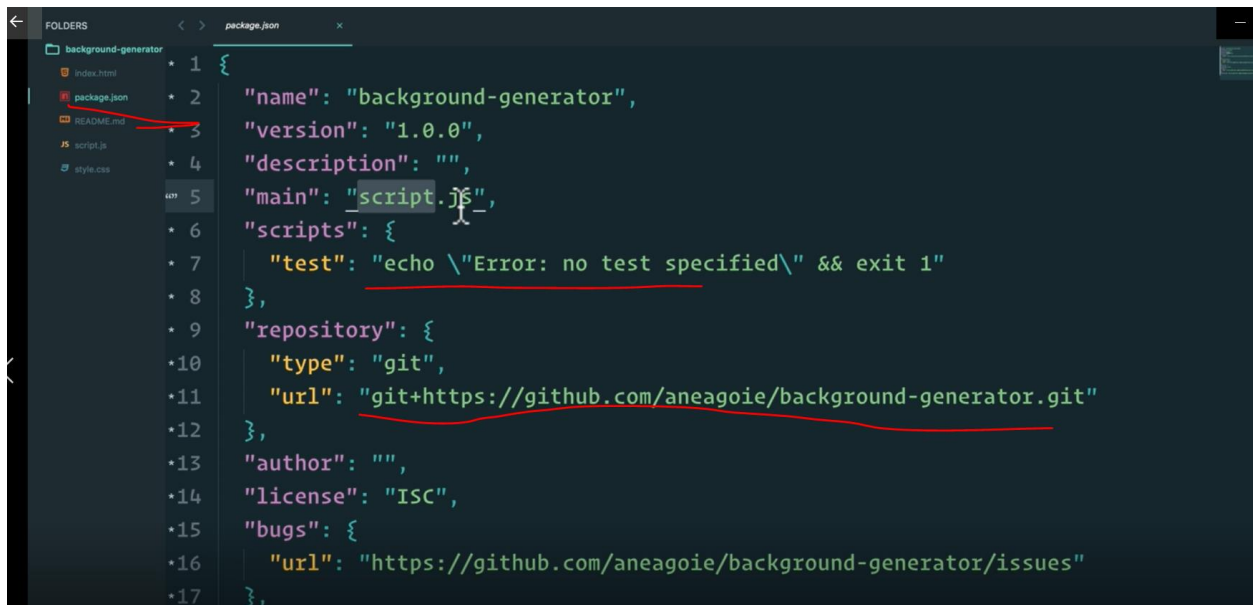
```
 ~/D/A/background-generator (master=) npm -v
5.5.1
 ~/D/A/background-generator (master=) node -v
v8.9.1
 ~/D/A/background-generator (master=) npm init
This utility will walk you through creating a package.j
son file.
It only covers the most common items, and tries to gues
s sensible defaults.
```
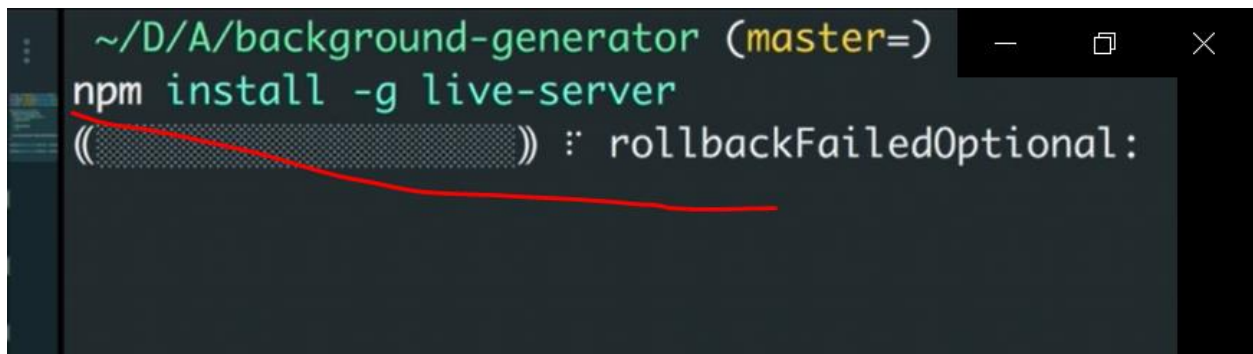
```json
{
  "name": "background-generator",
  "version": "1.0.0",
  "description": "",
  "main": "script.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "repository": {
    "type": "git",
    "url": "git+https://github.com/aneagoie/background-generator.git"
  },
  "author": "",
  "license": "ISC",
  "bugs": {
    "url": "https://github.com/aneagoie/background-generator/issues"
  },
  "homepage": "https://github.com/aneagoie/background-generator#readme"
}
```

```
FOLDERS                < >    package.json        ×
background-generator
  index.html              1  {
  package.json            2    "name": "background-generator",
  README.md               3    "version": "1.0.0",
  script.js               4    "description": "",
  style.css               5    "main": "script.js",
                          6    "scripts": {
                          7      "test": "echo \"Error: no test specified\" && exit 1"
                          8    },
                          9    "repository": {
                         10      "type": "git",
                         11      "url": "git+https://github.com/aneagoie/background-generator.git"
                         12    },
                         13    "author": "",
                         14    "license": "ISC",
                         15    "bugs": {
                         16      "url": "https://github.com/aneagoie/background-generator/issues"
                         17    },
```



```
~/D/A/background-generator (master=)
npm install -g live-server
((                                )) ⠍ rollbackFailedOptional:
```

Npm install -g live-server

--→two reason 1- live update

**-→show any change our code**

Npm install lodash

Work when we install browseify

```
-05120_49_11_5132-debug.log
 ~/D/A/background-generator (master  =)
sudo npm install -g browserify
Password:
/usr/local/bin/browserify -> /usr/local/lib/nod
```

'BECAUSE WE LINK THIS OUR BROWER

```
 ~/D/A/background-generator (master  =
browserify script.js > bundle.js
 ~/D/A/background-generator (master  =)
live-server
Serving "/Users/aneagoie/Documents/Andrei/backg
round-generator" at http://127.0.0.1:8080
Ready for changes
Change detected /Users/aneagoie/Documents/Andre
i/background-generator/script.js
^C
 ~/D/A/background-generator (master  =)
browserify script.js > bundle.js
 ~/D/A/background-generator (master  =)
live-server
Serving "/Users/aneagoie/Documents/Andrei/backg
round-generator" at http://127.0.0.1:8080
Ready for changes
```

sing Packages
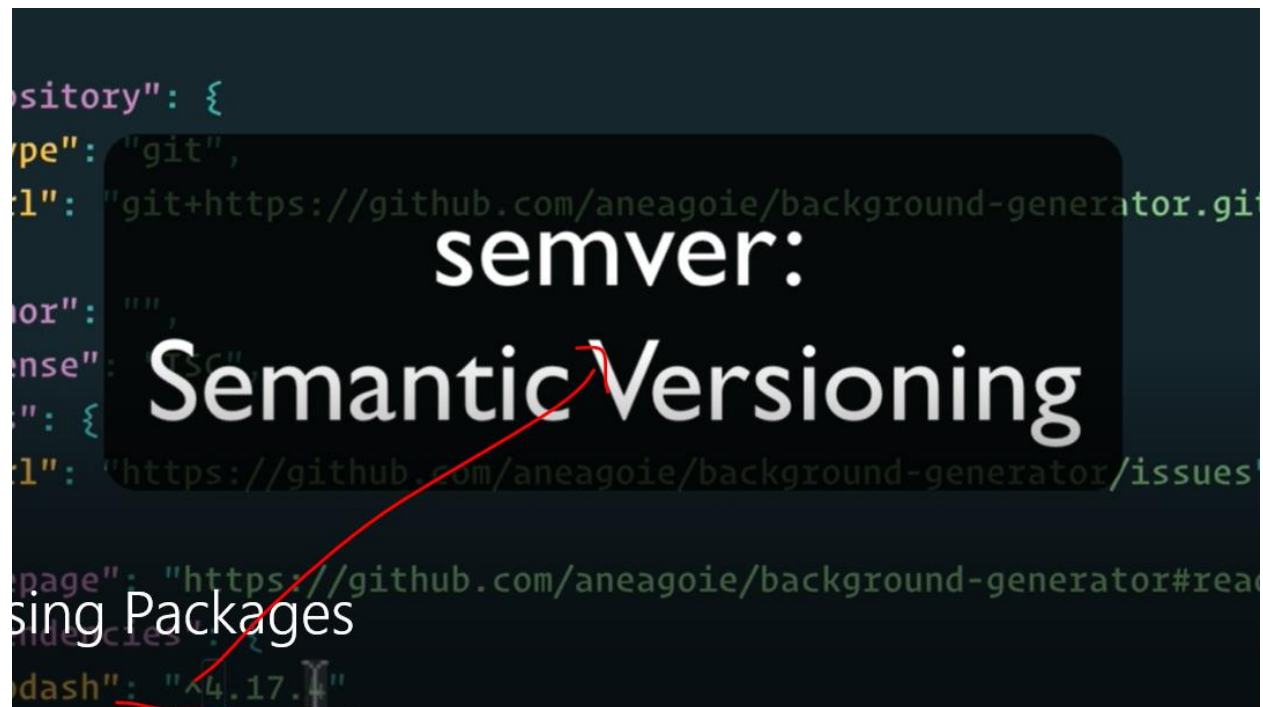
IF SOMEONE DELETE THE JSON FILL THAN FIRST WE NEDD TO INSTALL NPM WHICH UPDATE OUR PROJECT.
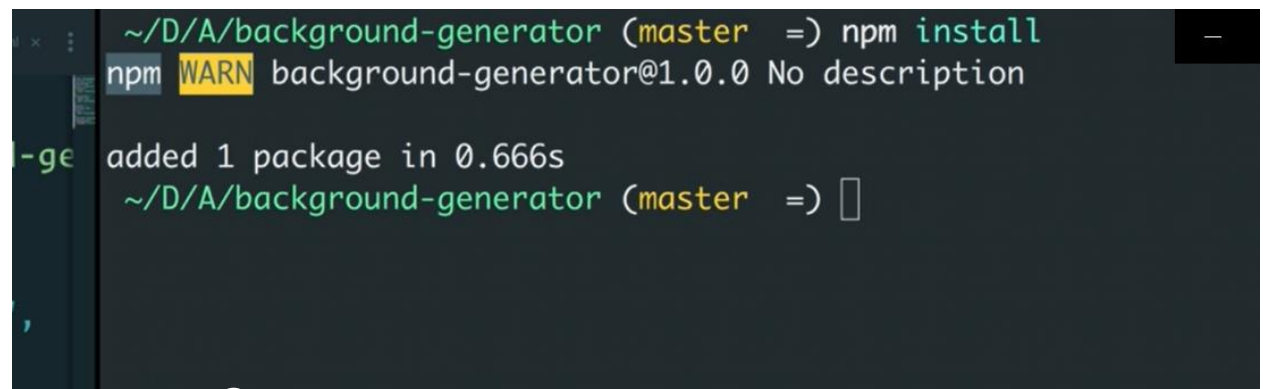
```
"homepage": "https://github.com
"dependencies": {
    "lodash": "^4.17.4"
}
```

```
FOLDERS                    style.css          package.json        ×    script.js            index.html
📁 background-generator  2      name : background-generator ,
  📁 node_modules        3    "version": "1.0.0",
     lodash             4    "description": "",
  JS bundle.js           5    "main": "script.js",
  📄 index.html          6    "scripts": {
  {} package-lock.json   7      "build": "browserify script.js > bundle
  📄 package.json        8    },
  📄 README.md           9    "repository": {
  JS script.js          10      "type": "git",
  🎨 style.css          11      "url": "git+https://github.com/aneagoie
                        12    },
                        13    "author": "",
                        14    "license": "ISC",
                        15    "bugs": {
                        16      "url": "https://github.com/aneagoie/bac
                        18    "homepage": "https://github.com/aneagoie/
```

```
~/D/A/background-generator (master
npm run build

> background-generator@1.0.0 build /Users/an
eagoie/Documents/Andrei/background-generator
> browserify script.js > bundle.js

~/D/A/background-generator (master  =)
npm run build

> background-generator@1.0.0 build /Users/an
eagoie/Documents/Andrei/background-generator
> browserify script.js > bundle.js && live-s
erver

Serving "/Users/aneagoie/Documents/Andrei/ba
ckground-generator" at http://127.0.0.1:8080
Ready for changes
```

```
# Clone this repository
$ git clone https://github.com/cobidev/simplefolio

# Go into the repository
$ cd simplefolio

# Remove current origin repository
$ git remote remove origin

# Install dependencies
$ npm install

# Start development server
$ npm start
```

folio

NOTE: If your run into issues installing the dependencies, use this command:

```
# Install dependencies with all permissions
$ sudo npm install --unsafe-perm=true --allow-root
```

If we get code form github

```
<div class="project-wrapper__text">
   <h3 class="project-wrapper__text-title">Robofriends</h3>
   <div>
      <p class="mb-4">
         Lorem ipsum dolor sit, amet consectetur adipisicing eli
```

Check

Browseify in extinction of react which take thing form browser.

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL                    1: node          +  ⬚
PS C:\Users\Atakan\Desktop\TestStuff> browserify index.js -o cityGenerator.js
```

Its make another file name citygeneerator which take code randomly form browser.