

Cerate own library in sass

1. Download node.js (JavaScript)
2. Create new folder to setup sass
3. npm init (node package manger)
4. Download gulp library with terminal
5. Create own file index.html and index.scss
6. Create own file gulpfile.js

1. Download node.js (JavaScript)



Link => <https://nodejs.org/en>

Download Recommended for Most User (version)

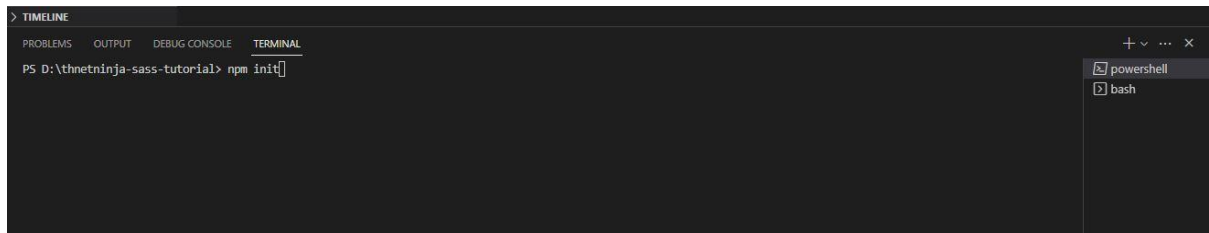
2. Create new folder to setup sass open vs code



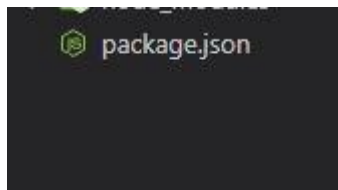
3. npm init (node package manger)

Open terminal type this command:

=> npm init Press Enter



Generate package.json file



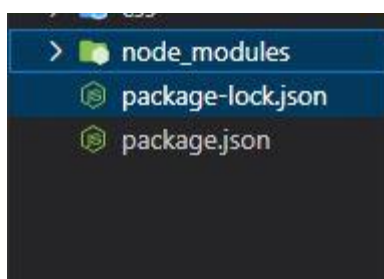
4. Download gulp library with terminal

Open terminal type this command:

=> npm install gulp gulp-sass sass --save-dev Press Enter.

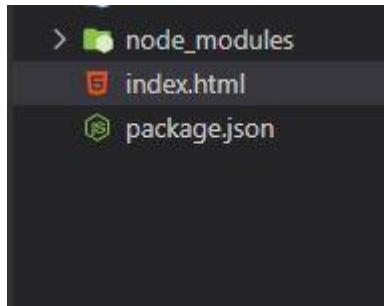
Include npm dev. Dependencies

Generate **node_modules** folder and **package-lock.json** file



5. Create own file index and index.scss.html

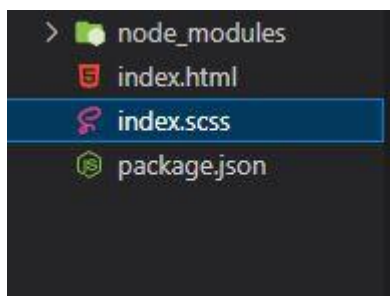
Wright Some Basic h1 tag



```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="css/index.css">
  <title>Sass</title>
</head>
<body>
  <h1>hello and Wellcom</h1>
</body>
</html>
```

And

Wright Some Basic style code



```

// import google font
@import
url('https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&display=swap'
);

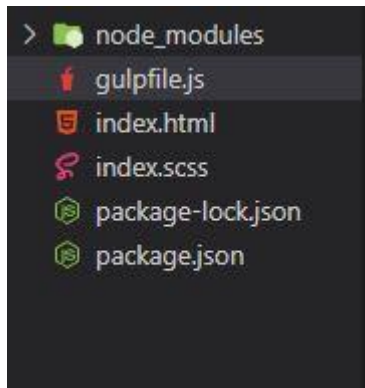
/* reset styles */
* {
  color: inherit;
  margin: 0;
}
body {
  font-family: Poppins;
}
ul {
  padding: 0;
  list-style-type: none;
}
a {
  text-decoration: none;
}
hr {
  border: 0;
  border-top: 1px dotted #efefef;
}
img {
  max-width: 100%;
}

h1 {
  a {
    color: red;
  }
}

```

6. Create own file gulpfile.js

Create gulpfile.js



Wright JavaScript coed...

```
const { src, dest, watch, series } = require('gulp');
const sass = require('gulp-sass')(require('sass'));

const buildStyles = () => {
  return src('index.scss')
    .pipe(sass())
    .pipe(dest('css'))
}

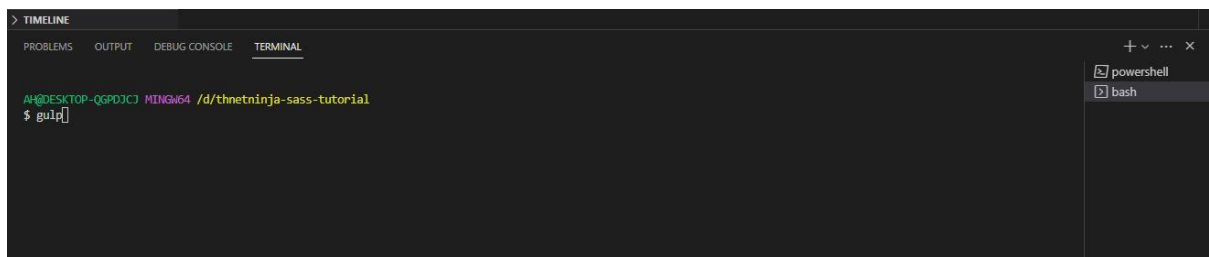
const watchTask = () => {
  watch(['index.scss'], buildStyles);
}

exports.default = series(buildStyles, watchTask);
```

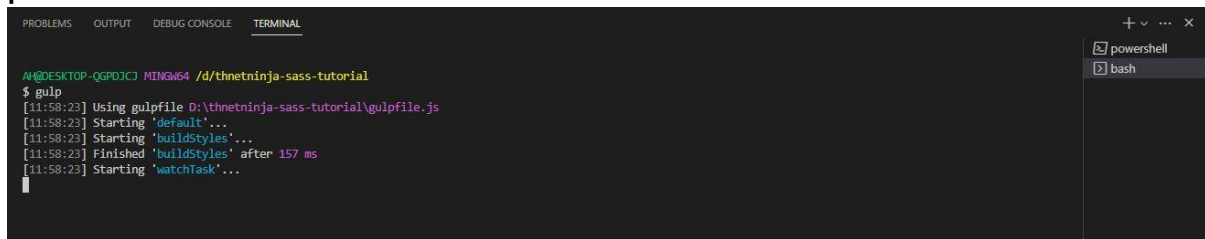
Save it

Open terminal type this command:

Type this command



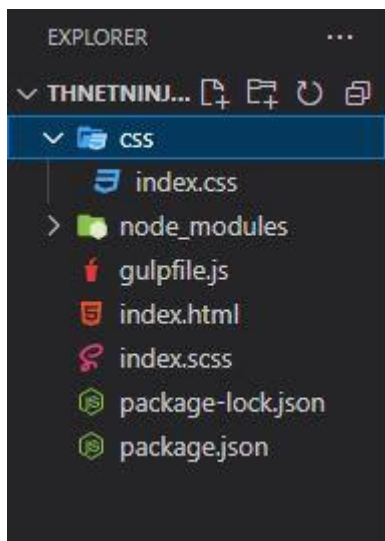
press Enter



```

AH@DESKTOP-QGPD1C1 MINGW64 /d/thnetninja-sass-tutorial
$ gulp
[11:58:23] Using gulpfile D:\thnetninja-sass-tutorial\gulpfile.js
[11:58:23] Starting 'default'...
[11:58:23] Starting 'buildStyles'...
[11:58:23] Finished 'buildStyles' after 157 ms
[11:58:23] Starting 'watchTask'...
```

Auto generate css folder > index.css file



And link index.css file in index.html file

```

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="css/index.css">
  <title>Sass</title>
</head>
```

File and folder structure

