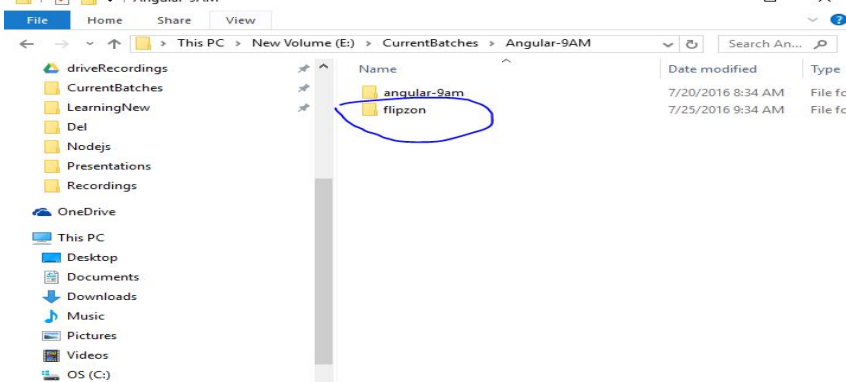# Working with Gulp

Step1

Install the gulp globally


```
C:\Users\kiran>npm install -g gulp
```

Create a directory to build the project.

Step 2

Go to root folder of the proejct flopzon and open the command prompt and type the below command "npm init" and press enter

```
E:\CurrentBatches\Angular-9AM\flipzon>npm init
```

Give the data asked by the npm

```
license: (ISC)
About to write to E:\CurrentBatches\Angular-9AM\flipzon\package.json:

{
  "name": "flipzon",
  "version": "1.0.0",
  "description": "this is site to build the application similar to amazon and f
lipkart",
  "main": "gulpFile.js",
  "scripts": {
    "test": "\"default\""
  },
  "keywords": [
    "flipzon",
    "online",
    "shopping"
  ],
  "author": "\"Kiran\"",
  "license": "ISC"
}


Is this ok? (yes) y

E:\CurrentBatches\Angular-9AM\flipzon>
```

Install gulp locally

```
E:\CurrentBatches\Angular-9AM\flipzon>npm install --save-dev gulp
```

Install gulp jshint locally for syntax errors

```
E:\CurrentBatches\Angular-9AM\flipzon>npm install --save-dev jshint gulp-jshint
```

```javascript
//step 1 refer the gulp module
var gulp = require('gulp');

//check for the syntax error
//use gulp-jshint
var jshint = require('gulp-jshint');
var concat = require('gulp-concat');
var clean = require('gulp-clean');
var uglify = require('gulp-uglify');
var pump = require('pump');

gulp.task('syntaxCheck', function () {···});

gulp.task('concat', function () {
    return gulp.src("./app/*.js")
        .pipe(concat('all.js'))
        .pipe(gulp.dest('./dist/'));
});

gulp.task('clean', function () {···});

gulp.task('compress', function (cb) {
    pump([
        gulp.src('./dist/all.js'),
        uglify(),
        gulp.dest("./dist/min")
    ],
        cb
    );
});
gulp.task("default", ["clean",
            "syntaxCheck",
            "concat",
            "compress"]);
```