* Gulp uses node.js streams, making it faster to build as it doesn’t need to write temporary files/folders to disk
* Gulp allows you to input your source file(s), pipe them through a bunch of plugins and get an output at the end, rather than configuring each plugin with an input and output—like in Grunt
* Grunt requires each plugin to be configured separately, specifying source and destination paths for each plugin. With gulp we only input one file.  we’re not reading and writing unnecessary files to end up with one.
* Steps :

1. Go to root directory of your project
2. Do: “nmp init “ to configure package.jason file
3. Install gulp: sudo npm install -g gulp (gulp is name of package we want to install)
4. Do “gulp –v” to check the version. It will give cli version and local version
5. Do “npm install –save –dev gulp”. The only thing different here is we used the **--save-dev** flag which instructs npm to add the dependency to our **devDependencies** list in our **package.json** file that we created earlier. Dependencies help us organize which packages are needed in our development and production environments as others contribute to or use our project

## Setting Up Our Gulpfile & Running Gulp

### Install Required Plugins

npm install gulp-jshint gulp-uglify --save-dev

This will install all of the plugins we will need and add them to our devDependencies in our **package.json** file like we did when we installed gulp.

## (I have did :npm install gulp-jslint –save-dev)

## This will install all of the plugins we will need and add them to our devDependencies in our **package.json** file like we did when we installed gulp.

### Create Our gulpfile

Follow <https://travismaynard.com/writing/getting-started-with-gulp>

To run your gulp file just write gulp on command line.

* While running phpunit I faced error that ‘./vendor/bin/phpunit no shuch file or directory found’.

The solution I got is the phpunit executable was not set. For that I need to install composer.

Then on your project directory make composer.json file and add

{

"require-dev": {

"phpunit/phpunit": "4.1.\*"

}

}

And do composer update