**K** Back to Week 4

 **XLessons** 
 Prev
 Next

# Exercise (Instructions): NPM Scripts Part 1

### **Objectives and Outcomes**

In this exercise, you will learn to set up NPM scripts by modifying the *package.json* file. At the end of this exercise, you will be able to:

- Watch for changes to the styles.scss file and automatically compile it to the css file.
- Run multiple NPM scripts in parallel using parallelshell NPM module.

#### Moving JS to Script file

- Create a folder named *j*s and in that folder create a file named *scripts.js*.
- Open *index.html* and from this file cut out all the JQuery script that we added to it and move the code to the *scripts.js* file that we created above.
- Then, update the index.html file to include the scripts.js file by adding the following line:

```
1 <script src="js/scripts.js"></script>
```

#### Watching for Changes and Parallelshell

• First, we install two NPM packages *onchange* and *parallelshell* as follows:

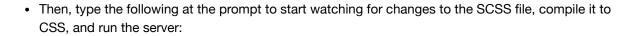
```
1 npm install --save-dev onchange parallelshell
```

• Then, add the following two script items to package.json:

```
"watch:scss": "onchange 'css/*.scss' -- npm run scss",
"watch:all": "parallelshell 'npm run watch:scss' 'npm run lite'"
```

• You will also update the start script as follows:

```
1 "start": "npm run watch:all",
```



1 npm start

- Now, whenever you make any changes to *styles.scss* file, it will automatically be compiled to the corresponding css file.
- Do a Git Commit with the message "NPM Scripts Part 1".

## Conclusions

In this exercise, you learnt how to set up a watch task to watch for changes to a file and automatically run tasks upon detecting changes.

Mark as completed





