Lab Basic Setup

In this lab you will install all required prerequisites and
test the setup of webpack.

duration: 30 minutes

Step 1. Install the requirements

Create a directory named 'webpack_labs' and navigate into it.
Install NodeJS from it's website and install Wekpack using

```
$ npm install webpack
```

create a file 'test.js' inside your current folder and write the following code

```
console.log('test');
```

Save the file.
Run the command to build the bundle.js. Use your favorite text editor to inspect the generated file. Notice how the bundled file is wrapped into a module so when included into a page for example, the generated bundle does not pollute the global namespace.

Run the file using the following command:

```
$ node ./bundle.js
```

If all went well, the output should display 'test'

test on a new page

Step 2. Link another file into test.js

Add another file, named test2.js and fill it with the following content:

```
module.exports = "this second file is bundled aswell"
```

Update the first file, named test.js, to equal this content:

```
var test2 = require('./test2.js');
console.log('test');
console.log(test2);
```

rebuild the bundle and test the result by executing:

```
$ node bundle.js
```

Inspect the generated bundle.js file and see how all content is bundled
into this file. If all went well, the output should display the following:

```
test
this second file is bundled aswell
```

Notice how the entry point for the bundle still is test.js, which loads
the test2.js as a dependency.