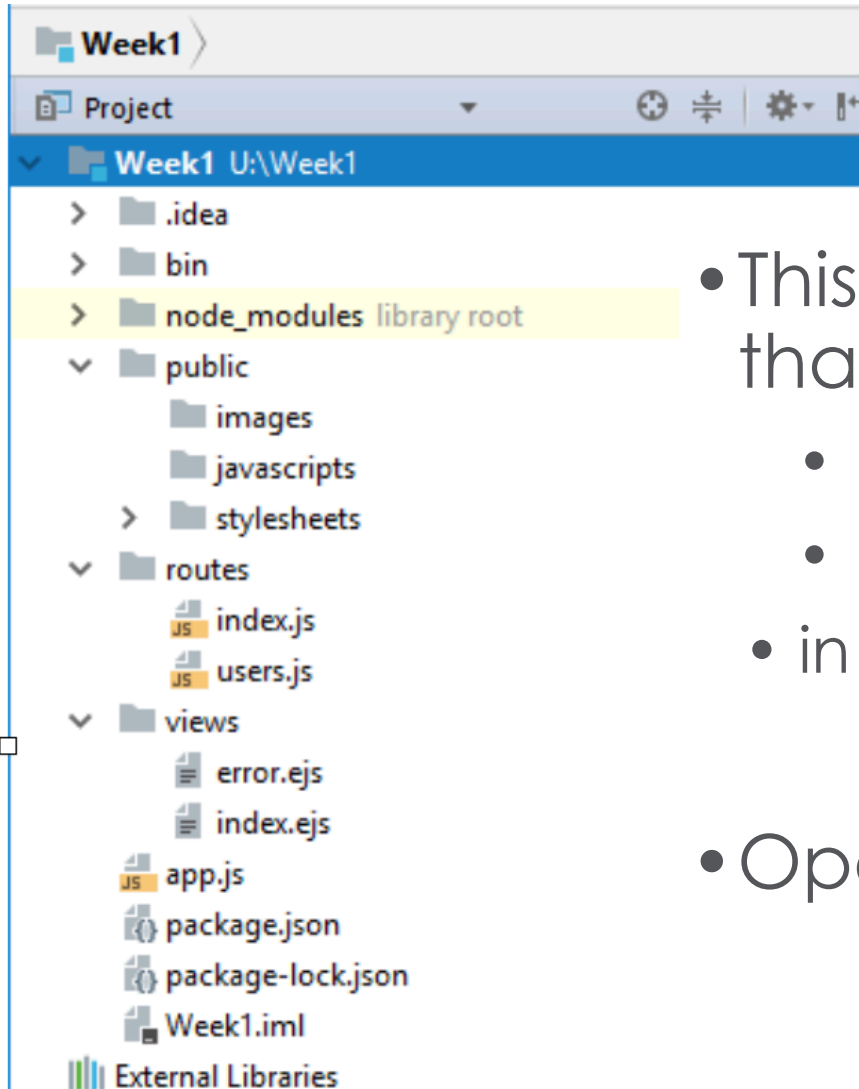# Week 1 Lab Class Exercise 1

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Exercise one

- Familiarise yourself with the Express structure also using the lecture slides
  - then start working on the exercises in the next slides
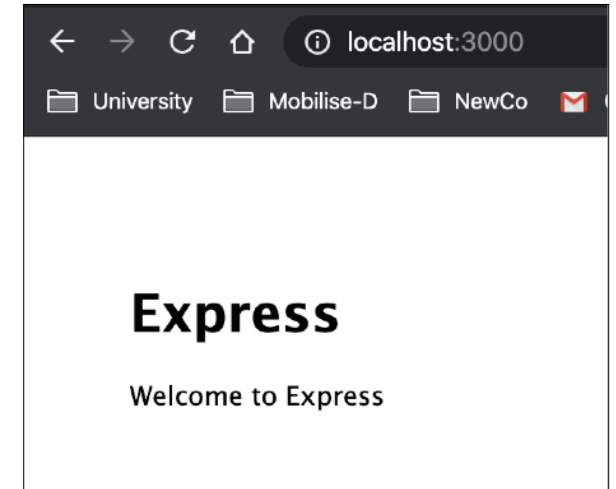
Exercise 1

- This exercise is designed to make sure that you understand how to use
  - routes and
  - ejs files
  - in a GET using Express

- Open the project you have created

Open the client

- run the node interpreter (right click on bin/www or)

- open the browser on http://localhost:3000

Learning to manipulate .ejs files

• Your exercise is to modify views/index.ejs so that it looks like

Welcome to My Class

Please click getting the other file

• Please note: the term **My Class** should be passed as <u>parameter</u> to the ejs file, so using the notation

```
<h1> Welcome to <%= title %> </h1>
```

• and having the route in routes/index.js modified as

```
router.get('/', function(req, res, next) {
        res.render('index', { title: 'My Class' });   }
```

Following the link

Welcome to My Class

Please click getting the other file

- insert a link into the html of the ejs file so to provide a link to the route
    - /welcome
    - i.e. the html should be

            getting the other file

Responding to /welcome

- Create a new route path in **routes/index.js**
  - so that when you click the link, a file called welcome.ejs is rendered which will be shown as
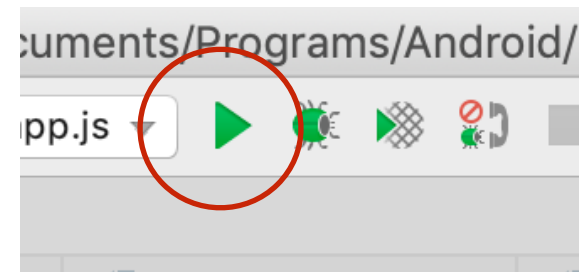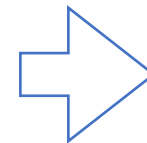
> ## Welcome to COM3504
>
> COM3504 is a cool module

- Note: the string COM3504 should be changeable from server side to COM6504 without changing the HTML of the file welcome.ejs (i.e. it is a parameter as well)

How would you do it?

- Try to think: the solution is in the next slides but try to come up with a solution before checking it

- Hint 1: create an ejs view called `welcome.ejs` under `views`

- Hint 2: you must add a new route path for a GET which returns
  - the rendering of welcome.ejs with 'COM3504' as parameter

Note! remember to reload the server every time you change the routes files

Solution

- This is the route path that you introduce in routes/ index.js:

```
router.get('/welcome', function (req, res) {
    res.render('welcome', { title: 'COM3504' });
});
```

- The HTML should be straightforward
  - the complete solution will be published in the next hours

Questions?

You may wan to try and created a third file and link to it in the welcome file